SIRAJ GADHIA (MCSD MCSE)

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SR. / LEAD DEVELOPER / PROGRAMMER / ANALYST / ARCHITECT

Looking for a position with skills in Angular 2 to 18+, .NET Core, TypeScript, PWA, RWD, Accessibility, <u>OBJECTIVE</u> SASS, Bootstrap, PrimeNG, Figma, RxJS, Web API, MVC, Razor, Blazor, Mobile, JSON, jQuery, C#, VB.Net, SQL & Non-SQL database, LINQ, EF, WCF, npm, and UI/UX (No Java, No React)

QUALIFICATIONS

- Wide and strong experience in Fullstack Web Application development using ASP.NET, .Net Core, C#, VB.NET, MVC, Angular, Razor/Blazor, RxJS, Mobile, PWA, Web Services, JSON, TypeScript, JQuery, JavaScript, CSS, SASS, Bootstrap, Responsive Web Design, Azure, DevOps, RDBMS and SQL using the latest version.
- 13+ years of Architect level and solid UI/UX design experience with Angular 2 to 18+/1.x, Angular CLI, TypeScript, • PWA, RWD, Bootstrap, PrimeNG, Observable/RxJS, SASS/LESS, JavaScript, npm, Gulp/Grunt, and .Net WebAPI
- 16+ Years of very strong and wide experience in Frontend Development with the latest technologies of the time. •
- 10+ years of experience with UI/UX, MVC, Web API, Razor, Blazor, WCF, HTML5, CSS3, RWD, BS, WCF, and EF.
- Demonstrated ability to complete all phases of the project cycle including consultation, research, analysis, architecture, development, design, functionality, maintenance, testing, and support.
- Highly expert in developing creative web user interfaces including layout design, UI/UX, and graphic design including data-centric Service API middle layer and database design & performance tuning of large database.
- Strong ability to troubleshoot web applications, performance issues, and internet-related problems.
- Certificates: MCSD, MCSE, 5 Certificates for Accessibility of, Web/Mobile Applications from the Deque University.
- Results-oriented and have a proven ability to meet project deadlines and find solutions to challenges.
- Excellent people skills strong ability to listen, understand, and respond to client and end-user concerns. •
- Very well organized, powerful memory, creative thinker, self-starter, and a guick learner.

TECHNICAL SKILLS

Web, Frontend, and UI/UX Development

- MVC 3 to 8 & Core, Razor, Blazor, RWD, HTML5, CSS3, SASS, LESS, JavaScript, TypeScript, NuGet Packages, •
- Angular 2 to 18 &1,x, PWA, .NET Core1.1 to 8, jQuery, Bootstrap 5/4/3, RxJs, VB.NET, C#, OOP, OOD, Materia •
- Git, WebAPI, AJAX, JSON, EF, WCF, Web Services, XML, XSLT, SOA, Application Blocks, ELMAH, SOAP •
- Visual Studio 2001 to 2022, Azure, SourceSafe, DevOps, TFS, StarTeam, N Tiers, N Projects, WWF, Patterns,
- DotNetNuke, Portal, ASP3, VB6, Visual InterDev, VBScript, COM/COM+, CSS, HTML/DHTML, AWS, AJAX •
- Crystal Report, FrontPage, SharePoint 2007/03, SharePoint Designer 2007, InfoPath 2007, Power Builder •
- Dreamweaver 8, Firework CS5/8, Flash 8, Photoshop 7, and ImageStyler

Database Tools

- MS SQL Server 6.5/7 & 2000 to 2022, T-SQL, DTS, SSIS, Dynamic Data, EF, PLINQO, LINQ
- SSRS, SSIS, Oracle 12/11g/10g/9i/7, Oracle SQL Developer, TOAD for Oracle, Oracle Explorer
- Visual FoxPro, MS Access, Sybase SQL, Data Warehouse, OLAP, RDBMS, ODBC, and ADO.NET

Environment, Protocol, and Fundamental

- MS Windows 11/10/8.1/8/7/Vista/XP, Windows Server, NT Server, Index Server 2, Azure, DevOps
- MS Office 2013/10/07/03 (PowerPoint, Outlook, Word, Excel, Visio, SharePoint Designer) •
- SQL Red-Gate, Cruise Control, Web Publication, TCP/IP, HTTP/FTP, LAN/WAN, and IIS

Recent Updates

Angular 18, Figma, VS 2022, TypeScript 5, .Net Core 8, Blazor, Blazor Studio & SQL Server 2022

EDUCATION / TRAINING / CERTIFICATION

- 2022 5 Certificate Courses Document, web, and Mobile of Accessibility from Deque Uni. Certificates 2015 Skills update with Angular 2.0/4,3, Bootstrap 4, RxJS, MVC6, and VS AngularJS 1.4 and Bootstrap Development (includes 112hr Pluralsight video) 2014 Fast and rapid development with Net 4.0, VS 10, EF 4.0, WCF 4.0, and MVC 3 2011 SharePoint 2007/2003 Administration and Custom development with .Net 2.0 2007 2004 SIP CWD (The Society of Internet Professionals - Certified Web Developer) 2002 Equivalent Engineering Degree Certificate, Toronto University, Canada
- 2001 MCSD (Visual Basic 6 and SQL Server 7) and MCSE (Windows 2000)
- 1986 B E Electrical and Computer Technology, Saurashtra University, India, 1st Rank
- Training Training Training Training Certificate Ea. Dearee
- Certificate Degree

RELEVANT EXPERIENCE

Angular & .Net Software Architect/Developer

Client: Department of Health Service and IT Service, NY State. Albany NY.

Domain / Industry: Government, Health, Mental Health, Finance

Tools: Angular 14/15 WebAPI, PWS, .Net Core 3, .Net 4.0, VS 2019/2020, Bootstrap, SASS, UI/UX, Accessibility, RWD, JSON, Figma, npm, RxJS Store, VS Code, Oracle Database, GIT, DevOps, Azure Cloud, and MS Team **Responsibilities:**

- Worked on CFR (Consolidated Financial Report), CFRWeb, and CFRMS (CFR Management System) with the new ongoing Angular Project as well as the legacy project of CFRMS written in .Net 4.0.
- The CFR, CFRWeb, and CFRMS are projects like Tax Software, which has continued changes, the addition of new rules & government programs, and the dropping of old rules & programs. Every 6-month a new version is released which includes several changes in rules, programs, and policies of the government, all relevant projects are highly complex in business logic, UI presentation, and database structure.
- Developed and Implemented Design and Document to migrate .Net 4.0 old legacy project to the latest technology including WebApi (.Net Core, DevOps, Azure) and UI (SASS, RWD, PWA, Angular 15)
- Migrated the Angular 14 project to Angular 15 and later on Angular 16.1.3 version
- Migrated .Net 4.0-based SOP service to WebApi.NetCore and integrated with other WebAPI to accommodate complex Oracle Database
- Developed generic reusable code as Component Library, with flexibility and ease to integrate & use with other projects
- Implemented Accessibility on all stages including all responsive web pages for web and Mobile accessibility
- Tuned, edited, and modified several TSQL Procedures and Packages as requirements for the new project
- Worked and fixed the issues of end users for existing legacy projects and deployed migrated Angular project
- Build deployment packages for UI and Database as per process rules of state and executed deployment packages.
- Provided training to other team members and support for the deployment & Integration process of the team as per state rules
- Turned complex ideas into manageable pieces of work to complete as part of a product team
- Provided technical guidance to leadership to build solutions with innovation and sustainability in mind.
- Assisted Scrum Master with monitoring development team productivity, conducted code review, created document of application & architecture, and provided technical guidance to product owner as directed by the Department as directed by the Department.
- Learned the business drivers of a product and helped drive the technical direction of a product to fulfill the desired vision. Create clean, well-organized, and structured code including providing presentations & training to concerned groups of people & technical team/developers
- Performed in-depth analysis of the existing inventory of assets to determine remediation or modernization approach and produced end-state solution mockups based on analysis of modernization approach for applications and reports.
- Developed 2 Blazor applications, using MVC .Net Core (1) a Desbord of all key indications including application status, new application, grant demand, grant approved, audit process steps, rejection, and re-submission of the form to understand day-to-day activist on filing and process status with amount flow on the grant (2) Documentation of the application, Task management of applicatom development process and document of application uses as well as API documents
- Developed and applied knowledge of trends, relevant software development technologies, and methodologies.
- Provided data model planning, design, implementation, and maintenance guidance to transform legacy transactional reporting environment into time-based data models to support the office's business needs for multi-dimensional data analysis.

Mobile First Angular Web Application Developer/Consultant/Architect *Client:* Department of Health Service, Hennepin County, MN (Remote) Domain / Industry: Government, Health, and HR. Feb 21 to Dec 22

Tools: Angular 11/13/14 WebAPI, PWS, .Net Core 3, VS 2019, PrimeNG, Bootstrap, SASS, UI/UX, HTML5/CSS3, RWD, JSON, OOP, OOD, Figma, npm, RxJS, VS Code, SQL Database, JIRA, GIT, DevOps, Azure Cloud, and MS Team **Responsibilities:**

- Created a unique solution for multiple languages as proof of concept, and implemented the solution to the application. Maintained and Edited multi-language JOSON translation files with the tool BabelEdit. Provided training to the Developers of other teams and, Business Analysts, Quality Insurance Team
- Worked as Angular UI and .Net Core 3 WebAPI Sr. Developer/Architect worked with the team from remote, with scrum agile environment with Microsoft, Worked on all tears of muli tears application
- Implemented accessibility and tested with various tools of accessibility for web, mobile, tablet, and smart devices.
- Took detailed training in Accessibility from DeQue University and completed all 5 certificate online courses: (1) Accessibility Program Management Curriculum, (2) Document Accessibility Curriculum (3) IAAP WAS Certification Preparation Curriculum (4) Native Mobile Apps Curriculum, and (5) Web Accessibility Curriculum
- Used Angular 11, 12 & 13, and PrimeNG for the front-end development, Created a unique mobile 1st web design by developing CSS3 and SCSS classes for branding and theme with a PWA including Figma wireframe for all breakpoints.
- Created a new SQL Database and Web API for this new client-facing web application for the residence of the county
- Created reusable, flexible, and expandable codes, utilities, and components with OOP, COI, and DRY principles in the library and modular form.
- This web application is for the residents of the county to apply with documents for the application of various benefits.
- The application developed as PWA including various PWA functionality with services worker swPush service, swUpdate service, Push Notification service, Push Notification Subscription
- Developed RWD with mobile 1st with various custom Media Query, Mixings, and SCSS classes & variables.
- Participated in dealy meetings and SCRUM activities through MS Team from remote at Frisco TX.
- Created various branches as needed, merged branches, participated in code review, fixed bugs, built a website package, and deployed the website package to the dev/stage environment.
- Colobarted with the QA Team, Business Analyst, Technical Writer, and other cross-functional teams of the county and state government
- Provided recommendations of technologies for architect design including research, created various demos, mentored team members/developers, and provided training to developers of state/county government
- Provided training in Angular, PrimeNG, Bootstrap, RWD, etc. to developers, business analysts, and QA teams of the same team as well as other teams of an organization
- Designed, architected, and developed reusable libraries for the Components, Multiple Themes, UX Behavior, and Data Access
- Resolved several issues regarding, the use of API, look & feel, integration to branding & standards, and rendering of
 PrimeNG components as well as themes and created global solutions, themes, and components that can be used by
 other teams.
- Developed an Admin and Key Indicator Dashboard with Blazor Component and .Net Core WebAPI, to administrate the database dynamic rendering text, error messages, shutdown messages, and administration flags of the mobile application, with the key indicators of daily traffic, uploaded documents, error traced, IP address of user access, the smart device used by the user, search text, etc
- Designed and Developed Blazor Component and reusable codes for the Admin and Key Indicator Dashboard
- Provided hands-on support to peers, coached, guided, and mentored others in accomplishing architecture, design, and implementation goals.

Sr. Angular Frontend and .Net Core WebAPI Architect/Developer

Client: Johnson & Johnson Inc, New Brunswick, New Jersey USA (Remote Project) Domain / Industry: Pharma, Medicin, Bio-Reactor.

Tools: Angular 10/9 WebAPI, .Net Core 3, VS 2019, Bootstrap, SASS, Front-End, UI/UX, HTML5/CSS3, RWD, JSON, OOP, OOD, Media Query, npm, RxJS, VS Code, Oracle Database, Figma, JIRA, Bit Buckets, Source Tress, and AWS **Responsibilities:**

- Worked as Angular UI and .Net Core 3 WebAPI Sr. Developer and Architect as one man person show for a 3-month remote project as Covid19 situation. Worked with AWS (Amazon WorkSpace) as a virtual machine.
- Used Angular 9 and upgraded to 10 for the front end, Created a unique layout for frontend using Material as well Bootstrap 4.x, SCSS, and Mixing with very complex rendering with a PWA, used RxJS for observable service to access various WebAPI. Created reusable, flexible, and expandable codes, utilities, and components with OOP, COI, and DRY principles in the library and modular form.
- This web application is used for virtual Bio-Rector calculation expansion and various calculations for scientific research with different kinds of feeds and to convert calculations to real Bio-Rector with various kinds of equipment, process steps/days, and material.

May 20 to Dec 20

- The application was developed with PWA (for progressive website) for a unique and complex requirement using IndexDB to save and update data at web assembly for offline native app-type behavior. PWA functionality with services worker swPush service, swUpdate service, Push Notification service, Push Notification Subscription service including Firebase database for a subscription with Firebase auth service, email service, and messaging service. When Sinctice/user saves a set of research data those are notified to all subscribers by PWA push notification.
- Designed and Architected various sections of Bio-Reactor molecules volume expansion calculation and real Bio-Reactor feed calculation with various feed types and various types of equipment.
- Implemented various complex calculation processes with various options and a graphical indication of key indicators as well as expansion, saved historical data in the Oracle database, and provided the choice to get and modify historical data for new research. Utilized Rascal 3rd Party API and Biovia 3rd Party API for various complex calculations and various document files.
- Created an MVC base WebAPI with .Net Core 3 by accessing highly secured Oracle Database in some cases used Wapper with the same WebAPI to read and save files from 3rd Part API and transfer to or from JSON
- Used npm packages for local storage key indications, graphical representation, and modal popup
- Created various observable services to access 3rd Party API as well as developed Oracle Data access WebAPI.
- Used Bit Bucket and Source Tree to manage the repository, Used Team Metting for day-to-day work and tasks, and Skype for meetings.
- Cordial work with the manager with daily meetings and another execute manager/office with weekly meetings
- Designed and recommended full end-to-end workflow and user behavior with architect documents, provided a full guideline on how to work on each part of the development, and finished it within a timeframe including the approval process

Sr. Angular UI/UX Frontend Developer/Architect (Angular 4 to 8 CLI SASS)

Apr 18 to Mar 20

Client: Morgan Stanley, Newyork NY USA and Montreal, QC, Canada Domain / Industry: securities. wealth & investment management. finance.

Tools: Angular 5/6/7/8/9, WebAPI, UI Bootstrap, SASS, Front-End, UI/UX, HTML5/CSS3, Responsive Unit Testing, JSON, OOP, Media Query, npm, Node Packages, RxJS, VS Code, JIRA, GIT, Eclipse, SpringBot, Azure, DevOps, AWS **Responsibilities:**

- Worked as Sr. Angular UI Developer and Architect in the SCRUM environment with a cross-geographic team.
- Designed and Architected various sections of a very large worldwide Back Office Application for securities, wealth & investment management with Angular 5.2 (latter migrated to 6, 7.3, and 8.3) Angular-CLI, SASS, SCSS Mixing, Angular Reactive Form Array for dynamic forms, Angular Route with Lazy loading, Animation, RxJx Observables, SASS Variables for themes, Ngx UI Bootstrap, Component, Modules, Ngx Charts, AutoComplete, Type-a-head, Date Picker, Multi-Select, CLI Built and much more using leading-edge technologies.
- Designed, architected, and developed a very complex UI portal for various sections of a very large complex application including worldwide legal matters and various governing rules which includes a dashboard, various statistics, and analysis of process flow.
- Developed various generic Component, Directive, Pipes and Classes, Modules, and Service Providers as a library
- Created various SCSS mixing classes, various themes, and media quarry utilities for unique branding and theming.
- Customized ag-Grid Enterprise and developed 3 generic components for different scenarios of complicity including sinching heavy data with observable service, a grouping of data by user, some drag and drop scenarios with key indicators using branding icon
- Provided training to a team member and cross-project team member and helped them to fix issues of UI development including leading of UI Team.
- Worked with Atlassian products, including JIRA, Confluence, and Service desk, and used Jenkins tools for automation of deployment, supervised each deployment, and fixed bugs. Helped the developer, who has committed code, to fix the issue in the code.
- Developed and maintained a generic component library with a website of documents and samples with different scenarios or configurations, provided training & support to the team using the library including library version update email notification, update/change of features or API documents, and building npm packages.
- Designed and developed with flexible detached modules including vertically divided Features Modules and horizontal work-area section-wise Section modules with separate Shared Modules, that can add in any Section Module or Feature Module, any Feature Module can add in the Scarion Module. Shard Modules include generic components, custom pipes, custom directives, and observable services with various unit test cases.
- Developed various custom pipes, directives, and receive forms, and used various cloud-based restful services.
- Renovated UI of a complex project from old technology to new Angular base cutting edge technologies, that is a very big complex Custome Relation Data (CRD) back office to provide support to existing & new international clients of stock market trading companies (like TD Bank, eTrade, etc), to make changes of existing client trading account (like address change, add a new branch, add a new location, etc), onboarding of the new clients, documents upload it also includes cross country legal verification, governing lows of stock trading, stock market rules, periodical auditing, multi-

currency, multi-language, international crime/money-laundering check, audit process, audit verification, approval, rolebased workflows, and authorization, user base customization of the dashboard, a key indicator, an audit indicator, etc

• Developed WebAPI and SQL Server Database with SPs to keep information on Dynamic Rendering Configuration and User Preference Configuration, using .Net Core 2, MVC, VisualStudio 2017, and SQL Server 2016.

Angular UI/UX Frontend Architect/Lead/Couch (Angular4+ CLI SASS)

Apr 17 to Feb 18

Client: CapitalOne Bank, Plano, TX

Domain / Industry: Bank, Home/Auto Mortgage

Tools: Angular 4.3+, Web API, Angular 2.x, UI Bootstrap, SASS, Front-End, UI/UX, RWD, HTML5/CSS3, Responsive Design, Bootstrap, JSON, OOP, OOD, Media Query, npm, Node Packages, RxJS, VS Code, Mac Pro **Responsibilities:**

- Worked as Angular UI Architect, Tech Lead, and Angular UI Catch
- Designed and Architected a brand new solution with Angular 4.3, Angular-CLI 1, SASS, SCSS Mixing, Angular Form Array for dynamic forms, Angular Route with Lazy loading, Animation, RxJx Observables, SASS Variables for themes, Ngx UI Bootstrap, Component/ngModule, ngxCharts, AutoComplete, Date Picker, Multi-Select, CLI Built and much more using leading-edge technologies.
- Designed, architected, and developed a very complex UI portal for various types of Mortgage Campaign, which includes a dashboard, various stages of the process, the design of email/letter drafting, analysis of each campaign, clone as well as re-run champagne, reporting, impact, planning of champagne.
- Developed various generic Components, Directives, Pipes, and SASS classes, Modules, and Service Providers.
- Designed and developed the most complex part of the application including the architect of each step with Angular 4.13, (later on migrated to 4.3) typescript 2.3, and Bootstrap.
- Created code guide with best practices, Distributed and carried out work from 5 developers of the team, and provided training as needed to the team. Designed and created a document for the best development plan with various stages for similar kinds of application development
- Created various SCSS mixing classes, various themes, and media quarry utilities for unique branding and theming.
- Designed Angular UI development courses with various sessions with real-world applications, and carried out tanning classes for 8 to 16 junior to senior developers from another team of the organization. Took classes for best practice, architecture, and start-up projects for Angular 4 development, Developed several Typescripts objects including Components, ngModules, Providers, Services, Interfaces, and classes utilizing arrow function and optional types including developing a real-world business application from scratch.
- The organization has selected this project in the top 3 best developments of the year and the Development plan as the best plan to carry out next year with other developments.
- About Project: The work process of the campaign was before the manual process on a database for various stages and for each new campaign to create, go through all steps, and put in approval was taken 15 to 21 days by 5 Database Analyst III and one Process Coordinator Manager. By developing this application, the admin/manager can create a campaign by running various processing stages in 3 to 5 days. Approval and Execution are also carried out from this portal application. Creating a campaign is basically to create a dynamic data query to select 2K to 20K records from 100+ Million records, through the various stages and criteria, each stage provides a cut of records from the prior step by selecting various criteria, and every step provided various customization and indicator including a cut in records. It also includes selecting drafts and modifying and mapping variables to data for various kinds of campaigns to run in sequence.

Sr. UI/UX Frontend Web Software Engineer (Angular2 CLI SASS)

Apr 16 to Apr 17

Client: Dr. Pepper Snapple Group. Plano, TX (www.drpeppersnapplegroup.com/)

Domain / Industry: Soft Drink and Juice, Enterprise.

Tools: MVC 5/6, Net 4,5/5, ASP.Net Core, Web API, Angular 2.x, PWA, UI Bootstrap, Google Map, SASS, JSON, iPhone/Mobile, Unit/E2E/Load Test, RWD, HTML5/CSS3, LESS, Responsive Design, Bootstrap, EF, XML, AWS, Azure, Repository, Azure Database, DevOps AWS, SQL Server 12/14, OOP, OOD, Media Query, npm, Node Packages, RxJS. **Responsibilities:**

- Worked closely with Visual Design Team, Project Manager, and Architect as Sr. Developer, Lead, and Architect capacity to develop and design very complex 2 Projects "1 Product Dispatch and Monitoring System" and "2 Promotion Event Management System" from scratch. The project includes. Responsive design for IPhones/IPads
- Designed and Architected a brand new solution with **Angular 2/4**, **Angular-CLI 1**, **SASS**, **SCSS Mixing**, Angular 2 Form, Angular 2 Route, Angular 2 Animation, RxJx Observables, SASS Variables for themes, Ng-2 UI Bootstrap, Component/ngModule, Goggle Map, ng2 Charts, Rich Text Editor, Full Calendar, AutoComplete, Date Picker, Color Picker, CLI Built and much more using leading-edge technologies.
- Migrated solution from updated Angular 2 Beta to RC, RC1 to RC4, RC4 to RC6, and Angular 2.4. Fixed various node dependency issues and Angular 2 and CLI changes during migration

- Designed lazy loading route with separate modules and child routes including data transfer with Resolve, Route Data, and Route Parameter. Implemented Rout Grad mechanism using can-activate, can-deactivate, can-load-child, etc.
- Developed various generic Components, Directives, Pipes, and SASS classes to use across both projects. Including generic Modules and Service Providers.
- Created a very complex full calendar with Key Indicators and Reminders of planning, coloration, and analysis for upcoming sales and promotion events.
- Developed various Restful WebAPI services including C# models, a Business layer, and a Data layer. Created various store-procs, taggers, and modified data tables including query tuning for performance.
- Created various SCSS mixing classes, various themes, and media quarry utilities for unique branding and theming.
- Designed and Developed various Angular 2 Component (/ngModule), Services (observable/promises), Directive and Pipes, Used Angular 2 CLI commands for productivity and global/generic building blocks
- Used Visual Studio Code, Visual Studio (MVC 5/6, WebAPI, .Net Core), TypeScript, and SASS for dev-environment, added PWA – Progressive Web Application support with service workers (as a network proxy) and manifest file for caching resource files to manage responsive application online and offline when rendering at smart devices (Phone/Tablet)
- Developed several Typescripts objects including Components, ngModules, Providers, Services, Interfaces, and classes utilizing the arrow function and optional types.
- Designed, Architected, and developed a very complex Merchandiser Product Dispatch Dashboard having the time and location-drive related time-sensitive KPIs indications, and Drivers Apps. Dispatch Dashboard provides monitoring and information on the route, change/add store sequence of delivery, time in-store, product quantity delivered, photos of delivery setting upload, Mileage drive on the route, various routes, the process step of routes, process step of product dispatched at the store, the quantity of product delivered at each store, going deliver and quantity on the vehicle at the time, Delay, issues, store drops and much more functionality.
- Designed, Architected, and Developed a complex panning and real-time update admin systems, a UI that provides a calendar and planning of Merchandisers and their day-to-day route of delivery including route direction and store to attend. It provides functionality to change/manage the route of a merchandiser, remove/add/modify the route and route path, and add/remove/modify a store to attend, and off days of Merchandise. Routes management, modify the route, modify route path.
- Created a very complex Navigation System based on the role of the user, with different colors, alerts, and process indicators, based on security modal, authorization, and zone/regional location.
- Utilized various 3rd party libraries/node modules including graph, Google map, Image/file uploaded, Color picker, Model dialog box, Rich text editor, jQuery plugin integration, Autocomplete, jQuery Scroll, and UI-bootstrap.
- Architected and designed with Angular 2 Technologies a large-scale business line application to Product Lines and relevant activity for a large change group store, including planning, gathering information, scheduling, various level commitment check, ordering materials, transporting material at events, team training of product launching, event management, zone/region level multiple event management, checklist verification, event handling, event analysis, reviewing complete events, impact analysis, success analysis, etc.
- Provided training to team members for Angular 2 technologies including mentoring team members during development.
- Worked with the QA team and fixed several JIRA, bugs, and defects including enhancement requests and changes.
- Build and deployed a website on Azure. Mentored and helped other team members by providing code guidelines. Created various documents,

Sr. Software Engineer/Architect (Frontend, Angular & MVC)

Client: MV Transit USA. Dallas, TX (http://www.mvtransit.com/) (OneMV Project)

Domain / Industry: Public Transit

Tools: MVC 6, .Net 5.0, Razor, Web API, Angular JS 1.4.x, PWA, UI Bootstrap, Front-End, UI/UX, RWD, Mobile, HTML5/CSS3, LESS, VS 2015, Responsive Design, Bootstrap 3.6, C#, EF 7, AJAX, JSON, XML, AWS, Azure Repository, Azure Database, DevOps, SQL Server 12/14, OOP, OOD, Media Query, jQuery Plugin, NuGet Packages, Bower Packages, GulpJS.

Responsibilities:

- Worked closely with IT Director, Product Manager, and Architect as Developer, Lead and Architect capacity to develop various very complex multi-language international public transit applications including Passenger Application, Staff Application, Passenger Portal, Staff Admin Portal, and Operation Portal using cutting & leading-edge technologies.
- Used Visual Studio Code 4 (UI), Visual Studio 15 (MVC 6 WebAPI), Typescript, and SCSS for dev-environment
- Developed several Typescripts objects including Components, ngModules, Providers, Services, Interfaces, and classes
- Created a very complex Navigation System based on the role of the user, with different color, alert, and process indicators, based on security modal, authorization, and zone/regional location.

Oct 15 to Apr 16

- Provided training to team members for Angular 2 technologies including mentoring team members during development. Created unit testing project and provided training to QA Team.
- Used cutting & leading-edge technologies including .Net 5, MVC6, EF7, RWD, and Angular JS 1.4.x, Bootstrap 3.6, Azure, JQuery, LESS, NuGet packages, npm packages, and Bower packages for various new public transit applications having very complex UI/UX and complex databases.
- Configured and added support service workers for PWA Progressive Web Application with an npm package for smooth rendering of the responsive web in the smartphone when there is low wifi/internet.
- Set up the multi-project environment including hybrid (razor+angular) web project, multi-languages/culture resources, external login (fb, Twitter, Microsoft, Google, etc), Gulp tasks, WebApi project, Angular app(s), Angular services, Angular routes, DAL (data access layer) project, EF7 entities, data repository, security layer, projects commands, etc.
- Integrated and fixed various couplings and pieces developed by team members including merging and branching the code repository. Wrote various less/CSS codes to implement Branding and UI design of responsive web applications.
- Configured, Deployed, and managed repositories, databases, accounts, and security in the Azore cloud environment.
- Build and deployed a website on Azure, configured and used DevOps. Mentor and helped other team members with providing code guidelines.
- Architected, designed, and developed a Passenger website, Staff admin dashboard, and Operation portal including a hybrid environment (angular and razor), UI/UX Responsive design, Globalization, Interactive menu, and User-friendly layout with role-based authentication and authorization.
- Developed AngularJS file upload for bulk excel or csv files with a modal dialog box and developed various angular filters and directives for global functionality and as global components including implementation branding styles.

Jan 14 to Oct 15

Sr. UI/UX Engineer (Frontend, Mobile & MVC)

Client: WORKSOFT Inc. Addison, TX (www.worksoft.com).

Product Videos: https://www.worksoft.com/help/analyze

Tools: MVC 5, Razor 3.x, Web API 2, AWS, Front-End, UI/UX, RWD, Mobile, AngularJS 1.3.x/1.4.5 HTML5/CSS3, LESS, ASP.NET 4.5, VS 2013/2015, Responsive Design, Bootstrap 3.1, C#, EF 6, AJAX TK, AJAX, JSON, XML, Web Services, SQL Server 12/14, OOP, OOD, Media Query, jQuery Plugin, NuGet Packages, StaTeam, TestTrack and Scrum. **Responsibilities:**

- Used new cutting-edge .Net technology with MVC-based development, RWD, Bootstrap, JQuery, and LESS including various NuGet Packages and jQuery Plugins for very complex front-end design and data for various map rendering.
- Worked as an individual and as a team member of a small team for frontend, UI/UX, and Mobile design.
- Worked on all stages of the full life cycle of web application development in 'Scrum and Sprint' based on a fast-paced Agile development environment on Enterprise Applications.
- Worked, designed, and developed various mobile 1st-based components including View, Modal, View Modal, Partial View, Data Access, WebAPI, Entity, Domain, and Repository layers of very complex MVC and Razor view engine-based applications.
- Enhanced existing WCF Services as per new development and developed various new WCF as well as Web API.
- Developed various Frontend / UI design components including layout design (MVC layout file) and View Forms with Razor 2, HTML 5, CSS3, Media Query, and Responsive Web Design using Bootstrap.
- Wrote numerous AJAX, JSON, and JavaScript codes for a very complex UI, a high performance, a single page type, live data SVG flow/chart diagram rendering application
- Worked and used SharePoint 2013, TFS Team Project to manage day-to-day tasks, meetings, documents, and bugs.
- Designed, architected, and completed UI/UX design, MVC codding, AJAX/JSON/JavaScript coding, HTML5/CSS3/LESS coding, and WebAPI/WCF for an end-end enterprise mobile 1st cloud base web application with multi-tenant based business-to-customer cloud solution.
- Developed and Implemented Multi-Language (Globalization) solutions with Razor Engine, MVC, and AngualrJS.
- Designed, architected, and developed SPA Admin System to manage multi-tenant, users, and subscription packages for the main cloud-based product including dashboard and key indicators using AngularJS 1.3.X, Bootstrap 3.3.x and MVC-WebAPI
- Developed various AngularJS JavaScript objects including Modules, Configuration, Filters, Directives, Controller, Factory(/Service), Designed view including Bootstrap RWD and templates, and Modified/Enhanced/Created JSON-based WebAPI controllers for a SPA Admin System.
- Used various JavaScript libraries including but not limited to Node, Gulp, Grunt, npm, Bower, Karma, Jasmin, and Protector.
- Used Angular-Strap 2.1.x (for Bootstrap 3.x) Directives with Angular JS including Modal, Typeheads, Tooltip, Datepicker, Tab, Collapse, Navbar, and Scrollspy Directives.

Domain / Industry: Automobiles, Ecommerce

Tools: MVC 3/4, Razor 1/2, Web API, Front-End/UI, RWD, HTML5/CSS3, ASP.NET 4.0/4.5, VS 10/12, Responsive Design, Bootstrap 3.0, C#, EF 4.3/5, AJAX TK, AJAX, JSON, XML, Web Services, SQL Server 10/12, OOP, OOD, N Tiers, JQuery UI, Media Query, jQuery Plugin, NuGet Packages, and Scrum.

Responsibilities:

- Worked as an individual and as a team member of a small team. Worked on all stages of the full life cycle of web application development in 'Scrum and Sprint' based on a fast-paced Agile development environment on Enterprise Applications.
- Worked on various B2B Ecommerce components, eCommerce websites, and WCF/WebAPI Services for the Auto manufacturing industry, which utilize for the auto manufacturing process, manufacturing warehouse, inventory warehouse, service station, auto dealers, and auto part dealers.
- Worked, designed, and developed various components of View, Modal, View Modal, Partial View, Data Access, Entity, Domain, and Repository layers of very complex MVC and Razor view engine-based applications.
- Enhanced existing WCF Services as per new development and developed various new WCF as well as Web API Services including BAAN, SAP, Tax, Vertex, Shipping, Stock Availability, Invoice, and Billing.
- Architected, designed, and developed an e-signature WCF service and Web API with various features using 3rd party providers.
- Worked with 3 overseas teams located in 3 different palaces in India. Communicated with Microsoft Lync and various video conference tools like GoToMeeting, Join-me, and Cisco WebEx Meeting.
- Used new cutting-edge .Net technology with MVC-based development, RWD, Tweeter Bootstrap, JQuery, and JQuery UI including various NuGet Packages and jQuery Plugins (Angular, Knockout).
- Designed and developed various views and partial views using Razor, JQuery, JavaScript, JSON, JQuery, and Ajax Helpers for Automobile Industry Ecommerce B2B tool kit components and Ecommerce application with Mobile 1st Responsive Design.
- Created various queries using a lambda expression, LINQ to Entity (IEnumerable), LINQ to SQL (IQuerybal), and extension methods working with EF 4.3 / 5.0 / 6.0 and wrote T4 template for generating enumerators from EDMX.
- Developed various Frontend / UI design components including layout design (MVC layout file) and View Forms with Razor 2, HTML 5, CSS3, Media Query, and Responsive Web Design using Bootstrap.
- Created, enhanced, and modified various Queries, Storage Procedures, Tables, Triggers, SSIS/DTS Packages, and SSRS Reports.
- Worked and used SharePoint 2013 TFS Team Project to manage day-to-day tasks, meetings, documents, and bugs.

Sr. MVC & .Net Developer / Programmer

Nationwide Insurance, Cleveland, OH

Domain / Industry: Auto/Life/Home Insurance

Tools: MVC 3/4, Razor 1/2, Web API, Front-End/UI, RWD, HTML5/CSS3, ASP.NET 4.0/4.5, VS 10/12, Responsive Design, C#, EF 4.3/5, AJAX TK, AJAX, JSON, XML, Web Services, SQL Server 10/12, SSIS, SSRS, OOP, OOD, N Tiers, JQuery UI, Media Query, AngularJS, jQuery Plugin, NuGet Packages, and Scrum.

Responsibilities:

- Worked as an individual and as a team member of a small team. Worked on all stages of the full life cycle of web development in 'Scrum and Sprint' based on a fast-paced Agile development environment.
- Worked, designed, and developed various components of View, Modal, View Modal, Partial View, Data Access, Entity, Domain, and Repository layers of very complex MVC and Razor view engine-based applications.
- Enhanced existing SSRS reports as per new development and developed various new SSRS reports for day-to-day activity and summary reports for cash balance and finance.
- Modified existing SSAS packages and develop new packages for various data bridging and finance data to-and-fro transfer with finance domains/banks.
- Used new cutting-edge .Net technology with MVC-based development, JQuery, and JQuery UI including various NuGet Packages and jQuery Plugins (mustache.js, Require.js, Knockout.js).
- Implemented and integrated some patterns and NuGet Packages including EF 5.0, Generic Repository pattern, Unity
 of work, SessionBag (extension of HttpSessionStateBase), MVC ELMAH, IOC & Dependency Injection, MVVM, T4
 Template, JsonExtension, AutoMapper, RWD (Responsive Web Design),
 C:\Users\Siraj\AppData\Roaming\Microsoft\Templates (Sign IN and OFF), Media Query, DataAnnotationsExtensions,
 Modernizer, and WebActivator
- Created various queries using a lambda expression, LINQ to Entity (IEnumerable), LINQ to SQL (IQuerybal), and extension methods working with EF 4.3 / 5.0.
- Enhanced, modified, and re-factored Module, Route, Service, Factory, Filters, and Directives of an existing AngularJS, Bootstrap, UI Bootstrap, Node JS, Required JS, Bower JS, NPM, and MVC WebAPI bases Insurance Agent Management System to manage the account of Company Employed, Sister Company Employed, Independent Agent, Company Contract Agent, Contact Agency Agent for all deferent state of USA

Oct 12 to May 13

- Created, enhanced, and modified various queries, stored procedures, tables, triggers, SSIS/DTS packages, and SSRS reports.
- Developed various Frontend / UI design components including layout design (MVC layout file) and View Forms with Razor 2, HTML 5, CSS3, Media Query, and Responsive Web Design.
- Worked in Agile SCRUM Environment and fixed various bugs and defects, which are managed on the "HP Quality Center" Application.
- Worked and used SharePoint 2010 TFS Team Project to manage day-to-day tasks, meetings, documents, and bugs.

Apr 12 to Oct 12

Sr. Front End (/UI) .Net Developer / Programmer

State of Michigan (DTMB), Lansing, MI

Domain / Industry: Job Portal, Government

Tools: ASP.NET 4.0, VS 10, Responsive Design, MVC 3/4, C#, Razor 1/2, EF 4.3, AJAX Toolkit 4.0, XML, Web Services, WCF 4, Jason, SQL Server 2010/12, OOP, OOD, N Tiers, JQuery, JQuery UI, Media Query, JavaScript, HTML5, CSS3 and Agile Scrum.

Responsibilities:

- Worked as an individual and as a team member of a team of 20 members. Worked on all stages of the full life cycle of
 web development in 'Scrum and Sprint' based on a fast-paced Agile development environment. Projects include high
 priority and sticking to deadlines.
- Developed and integrated dynamic Manu, Breadcrumb, Header, Footer, and Sitemap user controls with responsive (mobile-first, Skeleton) design using cross-domain dynamic XML data.
- Developed an interactive Jobseeker Dashboard based on the highly complex responsive design specification. A dashboard includes functionality for résumé/document upload/replace, job alert, job search, saved jobs, creating a new document, and numerous other job-hunting activities.
- Developed various Master Pages based on specified responsive design with integration of security, authentication, and role-based authorization with implantation of URL routing.
- Developed dynamic cross-domain Sidebar content user control.
- Participated in various testing including perforation, functionality, cross-browser, smart devices (smartphone, iPad, Tablet, etc) and fixed various bugs.
- Developed Admin and Reporting tools using MVC 4/3 with Razor Engine 2/1including One Page Design, Singleton Pattern, Various JQuery, Plug-ins, and NuGet Packages
- Developed various Frontend / UI design components including layout design (MVC layout file) and View Forms with Razor 2, HTML 5, CSS3, Media Query, and Responsive Web Design.
- Used new cutting-edge .Net technology with next-generation 'Responsive Design' using Media Query, JQuery, Skeleton, and JQuery UI including various NuGet Packages and jQuery Plugins (head, hover intent, colorbox, cycle, easing, mCustomScrollbar, mousewheel, placeholder, tablescroll, tablesorter, validate. PIE, selectivizr, superfish, supersubs, webkit, and smooth scroll)
- Worked and used SharePoint 2010 TFS Team Project to manage the day-to-day task, meetings, and documents, assign a task, to manage sprints, enhancement/modification requests, and bugs.

Jan 12 to Mar 12

Sr. .Net Developer / Analyst

eGate Solutions, Arlington Heights, IL (3 months Contract)

Domain / Industry: B2B, E-commerce, Store Front, Airline Related

Tools: ASP.NET 4.0/3.5, MVC 3, C#, Razor, WCF 4, AJAX, AJAX Toolkit 4.0, VS 08/10, VB.NET, XML, Web Services, Crystal Reports 11, Business Objects, SQL Server 2008/2010, OOP, OOD, RAD, N Tiers, Telerik Controls, Code Smith, UML, Use Cases, JQuery, JQuery UI, JavaScript, CSS.

Dec 10 to Dec 11

Sr. .Net Developer/ Architect

Credit Solutions, Dallas, TX (<u>www.CreditSolutions.com</u>, <u>www.SaveMore.com</u>).

Domain / Industry: Finance, Credit, Online Promotional Deal/Sales, Customer Support, CMS, B2B, B2C **Tools:** ASP.NET 4.0, MVC 3, C#, Razor, WCF 4, EF 4, Agile, Code Smith, PLINQO, LINQ, AJAX, AJAX Toolkit 4.0, VS 08/10, VB.NET, XML, Web Services, DTS, SQL Server 2008/2010, OOP, OOD, RAD, N Tiers, DevXpress Controls, Code, Use Cases, JQuery, JQuery UI, JavaScript, CSS3and HTML5.

Sr. .Net Developer/ Architect

Harland Clarke (Checks In The Mail), New Braunfels, TX (<u>www.checksinthemail.com</u>, <u>www.harlandclarke.com</u>, <u>www.iprint.com</u>, <u>www.expressionery.com</u>)

Domain / Industry: Finance, Investment, E-commerce, Store Front, Customer Support, CSR, B2B, B2C

May 10 to Dec 10

System Analyst / Sr. .Net Programmer TAJ Technologies, Inc. Minneapolis, MN Domain / Industry: Human Resources, Accounting, Payroll, Placement Agency, B2B, CMS

Sr. .Net Developer/ Architect/Analyst

Tiger Direct Inc., Miami, FL (<u>www.TigerDirect.com</u>, <u>www.SysteMax.com</u>, <u>www.CompUsa.com</u>, <u>www.CircuitCity.com</u>, <u>www.SYX.com</u>, <u>www.GlobalIndustrial.com</u>)

Tools: ASP.NET 2.0/3.5/4.0, AJAX, AJAX Toolkit 3.5, VS 2005/08/10, VB.NET, C#, XML, Web Services, WCF, Window Service, LINQ, DTS, SQL Server 2005/2008, Oracle 10g/11g, Data, Oracle SQL Developer, OOP, OOD, RAD, N Tiers,

Domain / Industry: Retail Chains, E-commerce, Store Front, Inventory Warehouse, Customer Support, B2B, B2C **Tools:** ASP.NET 2.0/3.5, AJAX, AJAX TK, VS 2005/2008, VB.NET, C#.Net 2.0, XML, Web Services, LINQ, DTS, SQL Server 2005/08, SSRS 2005, Dynamic Data, OOP, RAD, N Tiers, Cruise Control, UML, Use Cases, SharePoint 2007, MVC3, Razor, JQuery, JQuery UI, JavaScript, CSS, Telerik Controls.

Sr. .Net Web Developer/ Architect/Consultant

Miami Dade County Public School, Miami, FL USA. (www.dadeschools.net)

Domain / Industry: Education, Schools, Training, Government, Community Portal, CMS

Tools: ASP.NET 2.0/3.5, AJAX, AJAX Toolkit 3.5, VS 2005/2008, VB.NET, C#.Net 2.0, XML, Web Services, LINQ, DTS, SQL Server 2005/2008, SSRS 2005, Dynamic Data, OOP, RAD, N Tiers, Cruise Control, UML, Use Cases, SharePoint 2007, InfoPath 2007, JQuery, JavaScript, CSS, Telerik Controls.

October 06 to July 08

Sr./Lead .Net Web Application Developer/Programmer/Architect

Cruise Control, UML, Use Cases, JQuery, JavaScript, and CSS.

NC Employment Security Commission, Raleigh, NC USA. (<u>www.ncesc.com</u>) and

NC Dept. of Health and Human Services (DHHS), Raleigh, NC, USA. (www.dhhs.state.nc.us)

Domain / Industry: Insurance, Unemployment, Health/Child Care, Government, Comm. Portal, CMS

Tools: ASP.NET 2.0/3.5, AJAX, AJAX Toolkit 2.0/3.5, JQuery, Visual Studio 2005/08, VB.NET, C#, SDLS, OOP, OOD, RAD, Team Foundation Server, N Tiers, XML, XML-Serialization, SOA, WCF, Web Services, LINQ, DTS, SQL Server 2005, SSRS, Oracle 10g/9i, Oracle Explorer, TOAD for Oracle UML, Use Cases, Visio, SharePoint 2007/03, SharePoint Designers 2007, JavaScript, CSS, and FireWork.

Applications:

IBIS Application (ESC):

A Customer Support Application for Filing an Unemployment Insurance Clime. The application has integration with 5 different databases including SQL Server 2000/2005 and Oracle 9g/10i. Application integrated with IVR (Telephonic claim filing system) and Customer Request Queue Application. Also, the application has integration with SOA applications and various state/federal web services. Presently this application is utilized by 100 counties of NC State

ADAM Applications (ESC):

Application is a generic website builder (/framework) application (/web tool) that can be utilized by each state of the USA to build a website. State-level admin of the application can build/configure a website using this website builder application. This application has various modules to get data information of a particular state or federal repository data, it includes filtering of data as per selected criteria. Each module displays the result in the table format (data grid) or Chart/Graph (Telerik RAD Chart). Admin person of website builder application could build a website for a particular state with multi-language capacity, build an Ajax accordion-type menu system, select and configure various modules, select and integrate to a various state data server, customize layout component, customize Master Page as well as a theme and customize various properties of each module with a different language. All customization property values of a built website are kept in the XML file.

Health and HR Application (DHHS)

Application to manage all health-related application/form/process work of NC State Staff. It includes the HR application of NS-DHHS Staff. The application includes the Migration of various small applications from FoxPro/Clipper/VB/ ASP3 to .Net 3.5 web applications and the migration of various database access/FoxPro/clipper/ SQL7.0 to SQL Server 2005. Common component library and generic classes/DII for Rapid Application Development developed with the application. Some part of the application is integrated with the SharePoint Portal application. Application development also includes integration and/or transfer of HL7 (Health Level 7) data and Healthcare Information Technology (HC IT) data

Sr. .Net Programmer

Holiday Systems International (HSI), Las Vegas, NV (<u>www.holidaysystems.com</u>)

Domain / Industry: Travel, Gift Certificate, Customer Support, Travel Insurance, Sports Portal, CMS, B2C **Tools:** VB.NET, C#, ASP.NET 1.1/2.0, AJAX, Visual Studio 2003/05, Web Services, WSE 2.0, Application Blocks, ELMAH, XML, Serialization, SourceSafe, DTS, SQL Server 2000/05, Web Services, NDoc, SQL Red-Gate, OOP, N Tiers, N Projects, JavaScript, CSS, COM/COM+, Firework, Flash, and ASP3.

Jan 09 to May 10

July 08 to Dec 08

Nov 05 to Oct 06

.Net Programmer

eTeleSolv Inc, Montréal, Canada. (www.eteleSolv.com and www.bluetreewireless.com) Domain / Industry: Telecommunication, Wireless Equipment, Portal, B2B, Dynamic CMS, Marketing Tools: VS 2003, VB.NET, Some C#, ASP.NET, ADO.NET, OLAP, SQL2K, TSQL, DTS, SQL Server Reporting Service, Some ASP3, OOP, N Tiers, Visual SourceSafe, UML, VBScript, JavaScript, CSS, COM/COM+, ZDHTML, XML, Dreamweaver MX 2004 and Flash MX.

ASP.NET Web Developer / Consultant

Godeo.org Inc., Toronto, Canada Tools: VS.NET, VB.NET, Visual SourceSafe, ASP.NET 1.1, SQL2K, T-SQL, Data Warehouse, DTS, N Tiers, Some C#, OOP, VBScript, JavaScript, Visio, UML, Use Cases, CSS, HTML/DHTML, XML, MS FrontPage 2003, Firework MX.

Web Developer

CASSA, Toronto, Canada. Tools: ASP.NET, VB.NET, ASP3, Access 03, VBScript, JavaScript, CSS, HTML/DHTML, FrontPage 2003, Dreamweaver MX, Firework MX, Flash MX, and some Adobe Photoshop 7.

Self-Employed / Consultant (Web Application Development)

Raj InfoTech, Toronto, Canada. (www.rajweb.com)

Tools: ASP.NET, VS.NET, Visual SourceSafe, VB.NET, Visual FoxPro 7, ADO.NET SQL 2K, OLAP, DTS, ASP3, Access 03, VBScript, JavaScript, CSS, HTML/DHTML, HTML Help Workshop, MS FrontPage 2003, Macromedia Dreamweaver MX, Firework MX, Flash MX, and some Adobe Photoshop 7.

Lead Web Developer

Web2Biz Inc., Toronto, Canada. (www.web2biz.com)

Tools: ASP.NET, VB.NET, VB6, SQL Server 7/2000, DTS, NT Sever, Access 2000/2002, ASP3, VBScript, JavaScript, IIS, CSS, HTML/DHTML, FrontPage 2003, Visual FoxPro 6/7, Dreamweaver MX, Firework MX, Flash MX, Photoshop 7.

Project Manager / Lead Programmer Sr. Programmer Analyst / Programmer IT Support / Assistant Programmer

Sonex Computer, India (http://www.sonexcomputer.com)

Tools: VB6/5, Visual FoxPro 6/5/3, HTML Help Workshop, Visual Studio 5/6, Visual SourceSafe, SQL Server 7/2000, DTS, T-SQL, Oracle 7, Sybase Database, Warehouse, OLAP, Power Builder 5, NT Server, Client/Server App, RAD, Access 2000/2002, ASP3, VBScript, JavaScript, IIS, CSS, HTML/DHTML, FrontPage 2000, Dreamweaver MX, Firework MX, Flash MX, Photoshop 7.

July 98 to March 01 July 94 to June 98

July 92 to June 94

November 04 to April 05

March 04 to October 04

November 02 to July 03

April 01 to October 02

July 03 to February 04