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**SENIOR SOFTWARE ENGINEER / PROGRAMMER**

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**OBJECTIVE** Highly skilled Senior Software Engineer with extensive experience in full-stack web development, .NET, JavaScript frameworks (Angular, React, Vue), PHP MVC frameworks, and cloud technologies. Proven ability to design, develop, and deploy scalable, high-performance applications. Passionate about problem-solving, API integrations, and building robust, maintainable software solutions.

**TECHNICAL SKILLS****Frontend Development**

- JavaScript, jQuery, HTML5, CSS3, Bootstrap, TailwindCSS
- Angular.js, Angular (2, 4, 5, 6, 7, 8), React.js, Vue.js

**Backend Development**

- .NET Core, C#, ASP.NET MVC, ASP.NET Core
- PHP (5.x, 7.x), CodeIgniter, Laravel, Symfony, Yii
- Node.js, Python, MEAN, MERN stack

**Database & Cloud**

- SQL Server / T-SQL, Azure SQL
- MySQL, PostgreSQL
- Azure Functions, Azure Queue, Azure Storage, Azure Container Registry, Key Vault

**Other Skills**

- RESTful APIs, Microservices, Event-Driven Architecture
- CMS Development: WordPress, Shopify, Magento (1.x, 2.x)
- Web Scraping, Chrome Extension Development
- Git, Azure DevOps, Docker
- Unit Testing (XUnit, NUnit, Jasmine, Karma)

**EDUCATION / TRAINING / CERTIFICATION**

**Moscow State University of Instrument Engineering and Computer Sciences (MGUPI)** 04/2012 - 03/2016  
**Degree: Bachelor's Degree Of Computer Science**

Relevant coursework: Data Structures and Algorithms, Operating Systems, Database Systems, Software Engineering, Computer Networks, Web Development, Computer Architecture

**RELEVANT EXPERIENCE**

**Senior Software Engineer & Full Stack Developer**

11/2018 – 02/2025

**Rubius**

**Domain / Industry:** Healthcare, Claims management, Risk management, and Insurance services

**Environment:** Angular 17/18, Angular Material 3, Bootstrap, SASS, RxJS, Mobile-First UI/UX, RWD, Figma, Google Maps, Visual Studio Code, .NET 6/7, Blazor, WebAPI, .NET Core, Entity Framework 6, T-SQL, SQL Server, Oracle, RabbitMQ, Docker, Azure App Service, Azure Kubernetes Service (AKS), Azure DevOps, Cosmos DB, AWS (Fargate, Amazon ECS, DynamoDB), Prometheus, Grafana, GIT, DevOps, Azure B2C, Azure Cognitive Search, Azure Active Directory, JWT Token Authorization, API Security Headers, and Azure Migration.

**Responsibilities:**

- Developed and Implemented Design and Document migrate legacy data to Azure Cloud and configure several features of DevOps.
- Developed document for the approval process with advisory and recommendation information including proof of concept, option and Prose & Cond of technologies
- Developed and optimized high-performance applications using C and C++, focusing on memory management, multithreading, and performance tuning. Built and maintained efficient algorithms and data structures, improving system response times by 30%. Integrated C++ modules with .NET applications for seamless interoperability, enhancing functionality in enterprise solutions. Debugged and refactored legacy C/C++ codebases, improving maintainability and reducing technical debt. Collaborated with cross-functional teams to develop scalable, secure, and high-performance software solutions.
- Created and managed benches on Git Bucket at Azure with task and bug management scrum dashboard, participated in scrum meetings and sprint decisions, wrote stories with task and task management.

- Architected several features on DevOps and AzureClouds.
- Architected and created 3 applications (1) WebAPI with migration document and action plan of legacy services (2) Angular 17/18, RxJs, Component Lib with Material 3 themes, Mobile 1<sup>st</sup> application with integration of Google Map (3) .Net Core 8 and Blazor-based Inventory Management System, Including Key Indicator, Reporting Work Flow, e-Signature and management of other 2 application.
- Used the latest version of Angular 17 including SignalM Lazy component, standalone component, and Control Flow Text and later on migrated to Angular 18 with implementing Material 3 Flexible Themes for banding.
- Developed generic reusable code as Component Library, with flexibility and ease to integrate & use with other projects.
- Wrote and Tuned several core Procduer, SSIS Package, and Desing SSRS Report builder including integration of e-signature and report builder with Dashboard.
- 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 projects.
- 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 teams/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 application 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.
- Led the migration of the entire system to a new Azure tenant as part of the client's Azure rationalization program. Designed and executed a large-scale bespoke data migration between Cosmos DB instances and reconfigured Azure Active Directory authentication.
- Developed a scalable ETL pipeline in Azure Databricks to process large volumes of healthcare data from multiple sources, integrating SQL Server, CosmosDB, and cloud storage for efficient data transformation and analytics.
- Relocated database schema designs in production environments with meticulous attention to prevent service interruptions.
- 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-Reactor calculation expansion and various calculations for scientific research with different kinds of feeds and to convert calculations to real Bio-Reactor with various kinds of equipment, process steps/days, and material.
- The application was developed with PWA (for progressive website) for a unique and complex requirement using IndexedDB 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
- Utilized .NET 6, Azure DevOps, and AWS to create a scalable data warehouse serving consumer, mobile, and admin interfaces with healthcare data.
- Extracted Fast Healthcare Interoperability Resources (FHIR) and EDI X12 data from multiple insurance providers and stored them in DynamoDB using AWS Fargate/Amazon ECS.
- Designed and implemented SQL databases using Entity Framework 6 in conjunction with Azure Cognitive Search for filtering, faceting, full-text searching, auto-complete suggestions, and recommendation engines.
- Developed a self-guided wizard for creating dashboards, utilizing Angular for the front end, .NET Core for the back end, SQL Server for the database, and T-SQL for stored procedures.
- Employed .NET 5 Core, Docker containers, Azure App Service, and Kubernetes to create a health service application API. Constructed build and release pipelines using Azure DevOps to ensure consistent and reliable multi-environment deployments.
- Developed a multi-threaded application with high performance and availability to process alarm events from approximately 40,000 clients and millions of events per day using .NET Core, SQL Server, and RabbitMQ.
- Created a REST API using .NET 6 to manage business process workflows, integrating automatic and interactive user steps. Automatic steps run asynchronously as background workers and are invoked using a RabbitMQ queue.
- Developed Azure B2C custom policies to support up to 20,000 users for registration and authentication in mobile apps (iOS and Android) using the MSAL library.
- Created a microservice for integration with credit card brokers, accessible by all internal applications for processing credit card payments. Developed as a REST API in .NET Core.
- Developed a sales web portal using React to automate new customer entries with approval flows and credit analysis, utilizing .NET 4.5 and SQL Server.
- Integrated a customized Swagger UI in a .NET Framework 4.8-based monolithic solution, configuring it to display specific APIs or endpoints, ensuring internal API documentation remained concealed from external clients for enhanced security.
- Reduced client-facing webpage load time from over 30 seconds to milliseconds by minimizing database round trips using Entity Framework 6 for efficient stored procedure result-to-entity translation.
- Built a credit monitoring API for B2B consumers to detect if a consumer's identity is for sale on the dark web using C#, a web API, AWS, Amazon MQ, Fargate Elastic Container Service, and Docker containers.
- Designed and implemented a microservices-based architecture with services interacting via REST APIs, leveraging Azure DevOps for build, testing, and deployment pipelines, ensuring high availability and scalability.
- Led architecture decisions for shared components across multiple software projects in C# .NET 4.0, 5.0, and 6.0, ensuring consistency and high-quality deliverables across teams.
- Developed a custom Visual Studio 2008 package integrating TFS with file-sharing functionality, streamlining workflow for over 50 developers and enhancing team productivity.

- Integrated a custom pricing service with the Bloomberg API for real-time and delayed pricing, improving pricing accuracy and compliance.
- Implemented complex UI components in Angular for managing healthcare data, improving user workflows and reducing task completion time.
- Developed a custom controls library in Angular to standardize visual controls across micro web applications.
- Developed a four-tier security model for all externally accessible APIs, including signature-based x-sign headers, time-based validity verification headers, API invocation permission control headers, and JWT token authorization.
- Developed automated margin calculation reports for custodian agreements, enhancing decision-making and providing actionable insights into risk and statistics.
- Designed and deployed a microservices-based .NET Core application in Docker containers, orchestrated via Azure Kubernetes Service (AKS), improving deployment speed and scalability by 40%.
- Implemented Prometheus and Grafana for cloud monitoring in an AKS cluster, improving monitoring efficiency across multiple cloud platforms.
- Created a HIPAA-compliant chat service for healthcare SaaS using XMPP and Strophe, integrated via a custom .NET Web API framework, improving communication and ensuring compliance.
- Reviewed the designs created by team developers, highlighted good points and areas for improvement, and ensured that the implementation was aligned with design specifications. Wrote coding standards and best practices guides.
- Provided training to other team members and support for the deployment & Integration process of the team as per state rules.

## **Junior JavaScript & .Net Software Developer**

03/2016 – 11/2018

### **Rohnda Software**

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

**Environment:** Angular 4/2, Angular-CLI, SASS, SCSS, RxJS, Angular Form Array, Angular Route with Lazy Loading, Angular Animation, Ngx UI Bootstrap, ngxCharts, AutoComplete, Date Picker, Multi-Select, Ngx UI Bootstrap, Component/ngModule, Visual Studio 2022, Bootstrap, Google Maps, ng2Charts, Rich Text Editor, Full Calendar, CLI, Node.js, TypeScript, Visual Studio Code, Visual Studio (MVC 5/6, WebAPI, C, C++, .NET Core), PWA (Progressive Web Application), AWS, Docker, jQuery, UI Bootstrap, Azure, SCSS Mixing, Service Workers, Gulp, Bower, NuGet, EF7, LESS, DevOps, JSON, T-SQL, SQL Server, Oracle, RabbitMQ, RESTful Web API, Entity Framework 6, MVC, Azure Cloud, Git, Jira, and WebAPI.

### **Responsibilities:**

- 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.
- 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)
- Worked with C and C++ to build fast and efficient applications. Improved performance by optimizing memory usage and implementing multithreading. Integrated C++ with .NET applications for better functionality. Debugged and improved older code to make it easier to maintain. Collaborated with teams to create reliable and scalable software.
- 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,
- 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.
- 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 Azure 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.

## **Web Developer / Programmer**

07/2013 – 03/2016

### **Remote**

**Domain / Industry:** Job Portal

**Tools:** ASP.NET 4.0, VS 10, Responsive Design, MVC 3/4, C, C++, 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 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 Menu, 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.
- 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.
- 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.
- 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), Media Query, DataAnnotationsExtensions, Modernizer, and WebActivator
- Created various queries using a lambda expression, LINQ to Entity (IEnumerable), LINQ to SQL (IQueryable), 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
- 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.
- Developed Admin and Reporting tools using MVC 4/3 with Razor Engine 2/1 including 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.