**Sachin Medavarapu sachinsamrat@hotmail.com**

**Senior .NET Web Developer (602)903-9818**



**Professional Summary**

* 7+ years of software development experience.
* Expertise in building websites conforming Web 2.0 standards using C# Object Oriented (OO) code**, ASP.Net Core 2.0, Azure, Angular, NodeJS**, JQuery, Backbone, AJAX, JSON, HTML, HTML5, CSS3.
* Skilled in developing Single Page Web Application (SPA) using **Angular, AspNet Core** and **Entity Framework core**.
* Intensely used Azure cloud solutions to Modernize the web applications.
* Decoupled Monolithic web applications using Azure Service Fabric.
* Architected various client side and server side modules.
* Implemented Security layer in the web application using Azure AD
* Used rxjs for communication against Web API RESTful services.
* Created Responsive Designs (Mobile/Tablet/Desktop) using HTML5 & CSS3.
* Responsive Design using Foundation and Bootstrap Grid system.
* Involved in application development life-cycle, Requirements Gathering, Analysis, Design, Development,  Testing and Deployment
* Expertise in debugging and troubleshooting existing code.
* Experienced in using TFS and Git source controls.
* Experienced in working in AGILE based development environment and participating in Scrum sessions.



* **Technical Skills**

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| Technologies | Asp.Net Core 2.0, HTML5, **Angular,** BackboneJS, rxjs, JQuery, JSON, CSS, CSS3, LESS, SASS, handlebars, RequireJS, Bootstrap. |
| Azure | Azure Service Fabric, Azure Service Bus Queues and Topics, Azure Blob Storage, Azure CosmosDB, Azure PAAS, Azure AD, Azure AppInsights and Azure IAAS. |
| Databases | MYSQL and SQL SERVER |
| Programming Languages | C, C++, C#, TSQL, JavaScript and Typescript |
| Other/Tools | MVC, LINQ, Entity Framework, GIT, TFS, Grunt, Bower, Karma, Jasmine, Balsamiq, Gulp, Browserify, NUnit, AngularCLI, Jasmine, Protractor, Karma, SignalR, SendGrid, Twilio, primeNG and Visual Studio |



**Professional Work Experience**

**Employer: UNIKONIT, Katy, TX.**

**Client 1 : Arizona Department of Transportation(ADOT), Phoenix, AZ (November 2015- Till Date)**

Senior .NET Lead Developer – Motor Vehicle Modernization Project

Responsibilities

* Built Modern web application for MVD using ASP.Net Core 2.0, C#, Azure, Sql Server and Angular.
* Architected Client Side Web Application using Angular in the early stages of the Life Cycle (Angular and rxjs).
* Designed the Queue-Worker pattern using Azure Service Fabric, Azure Service Bus Queue and Azure Blob Storage.
* Implemented real-time push notifications in the web application using SignalR.
* Designed Document Module using Azure CosmosDB.
* Implemented Authentication using Azure Active Directory and Authorization using Asp.Net Identity.
* Integrated external peripherals viz scanners and printers into the web application.
* Built Notification Module into web application with Email and SMS functionalities.
* Designed and Implemented Batch Architecture using Hangfire.
* Highly involved in SQL Sever Database Design Modelling.
* Implemented logging in the application using Azure AppInsights.

Environment: Asp.Net Core, EF Core, C#, Typescript, TSQL, SQLServer 2016, Angular, Rxjs, SignalR, AzureAD, Azure AppInsights, Azure Service Bus Queue and Topic, Azure Blob Storage, Azure CosmosDB, Azure AD, Azure Service Fabric, PrimeNG, AngularCLI, Visual Studio 2017.

**Client 2 : RevSpring, Phoenix, AZ (June 2014- November 2015)**

.NET Developer - Project Emerge, the company's flagship payments product

Responsibilities

* Took part in designing the wire frames using Balsamiq in the initial phases of the Project.
* Implemented a Mobile first UI for “Obsidian” online payment system using **AngularJS, NodeJS** and Foundation 5 frameworks.
* Focusing on high separation of concerns by designing multi layer (data layer, business layer and UI), .Net solutions. While emphasizing scalability by designing highly distributed services.
* Created several custom directives and filters using **AngularJS** and Javascript.
* Created Resource Manger Restful services using **NodeJS** to assign resources to respective roles.
* Designed and Implemented Template Manager service ( Utilized sql server 2012/Entity Framework, ASP.NET 4.5, Mvc/Web-Api “with jwt’s” to serve data, NodeJs to call web api’s/filter data/return json objects to angular ) for subscribers to customize their payment gateway.
* Built Restful services for Organization Manager, User Manager and Report Centre using C#, MVC/Web-api and Object Oriented Methodology.
* Used Dependency Injection and LINQ techniques.
* Web Security using JSON web tokens (JWT).
* Wrote Unit tests using Karma and e2e using protractor.
* Experienced in Enterprise system by developing a 3 tier distributed web application.
* Participated in daily scrum meetings & 2 Week sprint meetings

Environment: C#, ASP.NET Framework 4.5, MVC, NodeJS, AngularJS, Javascript, SQL Sever, Entity Framework, Protractor, Karma, Gulp, Jenkins CI, Balsamiq, Foundation 5, Restful web service, HTML5, CSS3, TFS & GIT Hub, WebStorm, Source Tree, SASS.

**Employer: Nerosystems, Herndon, VA**

**Client : ADP, Marlborough, MA (January 2014- May 2014)**

.NET/ UI Developer

Responsibilities

* Involved in web application development lifecycle, Requirements Gathering, Analysis, Design, Development, Testing and Enhancements.
* Developed UI for Red-box payroll system based on Single Page web Application concept using **AngularJS,** Javascript,ASP.NET 4.0, MVC, Entity framework and C# Object Oriented Methodology.
* Extensively used Angular directives in the application and created custom directives, which are also utilized by other developers in the team.
* Created Angular services to share the data among different controllers.
* Used ‘Less’ CSS pre-processor for maintaining the styles.
* Created static JSON files and wrote ‘HttpService’ calls to these files during initial phase of the project.
* Consumed API schema and transformed JSON files.
* Created Responsive Designs using CSS3/Bootstrap.
* Used REST calls for communication with server.
* Used Nunit and Karma for unit testing.
* Responsible for fixing defects/bugs.
* Participated in daily scrum meetings & 3 Week sprint meetings.

Environment: C#, ASP.NET 4.0, MVC, SQL Server, AngularJS, Entity Framework, JSON, AJAX, JavaScript, Less, XML, HTML, CSS, TFS, Grunt, Bower, Visual Studio, Bootstrap, UIBootstrap, LESS and Karma

**Employer: Texas A&M University, Corpus Christi, TX (September 2011 – August 2013)**

Graduate Assistant – College of Nursing and Health Sciences.

Responsibilities

* Creating User Interfaces using HTML & CSS
* Object Oriented JavaScript Development
* Developing Javascript using Jquery
* Ajax using JSON
* Form Validations using Javascript
* Creating News letter Bulletin Emails
* Cross-browser compatibility testing.

Environment: HTML, CSS, Java Script, JQuery, AJAX, Usability Testing, Waterfall Model and Visual Studio.



Masters in **Computer Science**, Texas A&M University.