

Sachin Medavarapu

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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.
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Technical Skills

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 Server 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 Manager 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.