**SIVA KUMAR**

**.Net Developer**

**SUMMARY:**

* A Microsoft .Net Professional with **6 years** of experience in all phases of Software Development Life Cycle process (**SDLC**) in various domains like Manufacturing, Aviation and Healthcare.
* Expertise in developing Client/Server Applications on Three Tier Architecture, N-Tier Architecture, SOA (Service-oriented Architecture), **MVC** (Model View Controller), Entity Framework.
* Experience in developing Web Applications using C#.Net, **ASP.NET MVC**.
* Experience in web UI technologies using **HTML, CSS, JavaScript, Angular, Bootstrap** and **JQuery.**
* Strong knowledge in developing single page applications using **Angular 4.0.**
* Experience in Web Services and **Windows Communication Foundation (WCF).**
* Experience in development of **web applications** and **windows** based applications using **WPF (MVVM pattern).**
* Extensive experience in working with **LINQ** to Objects, **LINQ to SQL** and LINQ to XML.
* Expertise knowledge on Object Oriented Programming (**OOPS**) Concepts including Inheritance, Abstraction, Encapsulation and Polymorphism and Multi-Threading.
* Experience creating Stored Procedures, Triggers in **SQL** Server 2008/2014.
* Proficient in building, consuming and publishing Web Services using SOAP and **REST** Protocols including JSON, proficient in working with WCF.
* Very good Experience Unit testing, test driven development (**MS TEST** and **NUNIT**) and using **MOQ** mocking framework for mock testing.
* Expertise in developing applications using design patterns like **MVC, MVVM, Factory, and Singleton Patterns.**
* Very good experience in using solid principles in architecting, strong knowledge in **Dependency injection** (DI) , Inversion of Control principles using **AUTOFAC** framework.

**Technical Skills:**

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| **Microsoft Technologies** | .NET Framework, VS.NET, WPF, WCF, LINQ, Web API |
| **Web Technologies** | CSS, JavaScript, JQuery, AJAX, HTML (5), XML, Angular JS |
| **Database Technologies** | SQL, PL/SQL, Oracle, Stored Procedures, Triggers. |
| **Databases** | Microsoft SQL Server, MySQL. |
| **Methodologies** | SDLC, Waterfall Method, Agile, Scrum. |
| **Operating Systems** | Microsoft Windows 2000/XP/Vista/7/2012R2 |
| **Transport mechanisms** | HTTP, SOAP, and REST. |
| **Version Control Systems** | GIT, TFS. |
| **Testing** | Unit Testing, Integration Testing, Functional Testing |

**PROFESSIONAL EXPERIENCE:**

**Processing Point, Carlsbad, CA. Sep 2016-Till Date**

**Role: .Net Developer**

**Responsibilities:**

* Extensively developed User Interface by involving in various phases of SDLC including requirement analysis and architectural design phases of the project using agile/scrum methodologies.
* Involved in development of Presentation Layer, Business Logic Layer, Data Access Layer and various other tiers of N-Tired application.
* Involved using ASP.NET MVC 5.0 framework to support the use of Dependency Injection to inject objects into a class, instead of relying on the class to create the object itself.
* Used Microsoft Entity Framework Code First approach for the Data Access Layer for the ASP.NET MVC application.
* Involved also in a project which was extensively based on Angular JS framework using TypeScript.
* Used Knockout and **Bootstrap** to create rich and responsive display.
* Designed and developed web applications using angular 4.0, HTML, CSS, **Bootstrap** and JavaScript.
* Used Angular JS as the development framework to build a single-page application, migrated a basic application from **Angular 1.5 to Angular 2.0.**
* Provided session level security and role based authentication using session objects and cookies.
* Produced and Consumed SOAP Web services.
* Hosting of Windows WEB API's, Asp.Net applications in IIS and creating Cloud Instance using AWS for deployment in product environment.
* Responsible for developing and consuming Windows Communication Foundation (WCF).
* Developed various stored procedures for the data retrieval from the database and generation of different types of reports using SQL reporting services (SSRS).
* Developed and executed the unit test cases using NUnit to obtain the max Code Coverage.
* Involved in Unit Testing, Integration Testing and Penetration Testing of the entire application.

**Environment**: Microsoft Visual Studio 2015, C#, ASP.NET, MVC, Web API, WCF, SQL Server 2012, IIS, Azure, AWS, NUnit, C++, GIT, Angular 2, Web Services, Scrum methodologies, LINQ, XML/XSL/XSD, HTML5, jQuery, CSS3,BootStrap.

**Pacavi Groups, San Diego, CA.**  **Dec 2014 - Aug 2016**

**Role: .Net Developer**

**Project Description:** This project deals with maintaining data for different portals and modifying the portal websites based on the user requirements.

**Responsibilities:**

* Designed rich, easy-to-use and highly interactive UI using the HTML5, ASP.NET MVC, AJAX controls, JavaScript, CSS3, Angular JS, JQuery, and Bootstrap.
* Utilized current and upcoming industry trends and practices to create Sitecore CMS websites.
* Used Angular JS and ASP.Net, MVC 5 development framework to build a single-page application.
* Hosted WCF Services for Client / Server communication.
* Extensively used Web Server controls like Grid View, Data List for displaying the records.
* Created role based authentication using Validation Controls, JavaScript and JQuery for client side validations in the Web Pages.
* Created and maintained the front-end standards document and oversaw production of JavaScript, HTML, and CSS.
* Tested front-end code in multiple browsers to ensure cross-browser compatibility.
* Implemented AJAX controls for responsive user interfaces to display the data on the web page.
* Involved in designing and developing Next-Gen Saas-based platform.
* Responsible for developing and consuming Windows Communication Foundation (WCF).
* Designed and implemented support tools using ASP.NET MVC, WEB API, and JavaScript.
* Involved in developing Web Services and invoking them with SOAP and Used IIS as a server.
* Developed stored procedures and functions to implement business rules and updating the data to related tables in SQL Server 2012.
* Prepared Unit Test Cases and unit test plan and performed unit testing (NUnit) for the developed functionalities.
* Used TFS for version controlling of the application.

**Environment:** .Net Framework 4.5, Visual Studio 2015, ASP.Net, WEB API, C#, API, XML, HTML, JavaScript, SVN, Agile / Scrum Methodology, JQuery 2.0, Angular JS, Ajax, Entity Framework 4.0, IIS 7.5, LINQ, Web Services, SQL Server 2012, T-SQL, Jira, Windows .

**CGI, Bangalore, India** **Aug 2012 - Jul 2014**

**.Net Developer**

**Responsibilities:**

* Involved in requirement gathering and converting the requirements into technical design and prepared Technical Design Document (TDD).
* Provided client side validations using JQuery to reduce the burden on IIS Server. Worked on ASP.NET state Management, ASP.NET caching features, configuring ASP.NET authentication & optimizations, securing ASP.NET web application.
* Involved in supporting and maintenance for legacy production systems.
* Implemented a Factory using resource to make RESTful communications over HTTP with GET, POST, PUT, DELETE to the Web API. Hands on experience in design using Object Oriented Principles like Inheritance, Polymorphism and Design patterns.
* Used Ajax, JQuery, JavaScript, CSS and various web controls to present data to users in a much comfortable environment.
* Responsible for developing and consuming Windows Communication Foundation (WCF).
* Extensively used Datasets, Data tables and Data views to retrieve and manipulate data and display in ASP.NET front end interface.
* Handled production issues involving real-time application problems.
* Involved in providing Unit Test for each of the story and also perform code review for the team.
* Actively involved in Bug Fixing during the build and deployment process and debugging.

**Environment:** .NET Framework, ASP.NET 3.5, IIS, AJAX, XML, Microsoft Visual Studio, HTML, XSLT, ASP.NET MVC, JavaScript, Ajax, JQuery.

**Academic Background:**

* Master of Science in Computer Science (GPA 3.5) - San Diego State University, San Diego, California:
  + Related Coursework: Database and web programming, Computer Security, Spatial Databases, Advanced Programming Languages, Combinatorial Algorithms and Scientific Computing