**VISHAL SARVAGOD**

**.Net Developer**

**SUMMARY**

Software developer with around **7 years** of .Net experience in design, development, implementation, integration, debugging and testing of various web and mobile applications. Expertise in Software Development using Microsoft Technologies such as ASP.Net, MVC, VB.Net, C#,Web forms and services, SQL, Agile/ SCRUM methodology, Azure collecting and analyzing large data sets, implementing business intelligence procedures and developing data marts supported by strong data mining, analytical, communication, management and leadership skills.

* Experience on object - oriented programming features and advanced .NET features like Abstract classes, Interfaces, Asynchronous Programming, Multithreading, Loosely Coupled design, LINQ, Lambda Expressions etc.
* Proficient in developing Business Layer and Data Layer using Language Integrated Query (LINQ) providers for data manipulation.
* Extensive experience in creating rich content Web Forms, Web User Controls, Server Controls, Web Service, WCF Service and Web API Calls.
* Strong working experience in working with the cloud technologies like Amazon Web Services (AWS), and Microsoft Azure.
* Experience automating the release process in Azure DevOps.
* Proficient in T-SQL Queries, Views, Joins, Functions, SQL Stored Procedures, Database Triggers, Cursors, Performance Tuning and Query Optimization.
* Experience working with Various Source Control software like GIT, Visual Source Safe (VSS) and Visual Studio Team Foundation Server (TFS).
* Experienced in XML Web Services (SOAP, WSDL and UDDI), Service Oriented Architecture SOA concepts using .NET Framework
* Strong understanding ofobject-oriented concepts and web technologies coupled with data analytics background
* Experience working with RESTful Web Services and implementing RESTful API's
* Experience working with GIT repository and maintaining version control using GIT
* Experience in building cross browser compatibility applications using React JS, NodeJS, Angular, Typescript,
* JavaScript, JSX
* Strong Experience in Microsoft Technologies in the fields of Web-forms, Razor View Engine, Web Services, Web
* API,C#.Net, MVC, Entity framework, ADO.NET, AJAX, LINQ, WCF, WPF, using Microsoft .Net Framework4.7/4.6/4.5. Expert in developing Single Page Application (SPA) with Angular 2/4/5/6/7/8/9/10/11, Angular CLI, TypeScript, and skilful in Angular features such as Material Design, Components, and Services.
* Experience using publisher-subscriber pattern with Azure Event Hubs and Kafka to communicate micro services in real time.
* Experience in designing and branding Master Pages utilizing Server Controls, User Controls, Data Grid control, Forms Validation controls, Custom controls and CSS.
* Exposure to software/ tools Visual Studio(2019, 2017, 2015, 2013, 2010, 2008),SQL Profiler, Fiddler, SOAP UI, Postman, LINQ Pad.
* Experience in bug tracking, issue tracking using Jira.
* Effective result-oriented team player with excellent communication and inter-personal skills with a positive attitude towards work with adherence to time schedules and quality delivery.
* Versatile team player with good communication, analytical, presentation and interpersonal skills

**SKILLS**

**Framework:** React,Redux, ASP.Net MVC5, Angular, Django

**Programming languages:** Typescript, JavaScript, C#,Python, HTML5,CSS3, C, C++, Java, R

**Databases:** SQL Server 2008/12, MySQL, PL/SQL, Oracle

**IDE**: Visual Studio, Visual Studio Code, Notepad++,PyCharm, Atom

**Software Models:** Agile, Waterfall, Test Driven Development

**Analytics tools:** Tableau, Google data Studio, Excel

**Source control tools:** Visual Studio Team Foundation,Server, GIT

**Cloud Services:** Azure, AWS, Google Map APIs

**EXPERIENCE**

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**Software Engineer / LTIMindtree - Bellevue, WA 07/2021 – Current**

* Developed web applications using Typescript, HTML, CSS, and Asp.Net MVC / ASP.Net WebAPI framework. Created T-SQL code, stored procedures, views, functions, and other database objects to supply data needed for the reports.
* Maintained Azure CICD Pipeline script and deployment process.
* Utilized JIRA as a bug tracker and customized workflow to streamline development. Tracked code changes and deployments using Bitbucket.
* Practiced Scrum methodologies, including creating user stories, sprint planning, and sprint retrospectives. Documented technical specifications and project testing methods for future reference.
* Scheduled ongoing performance quality assurance checks for software applications and automated performance test scripts.
* Involved in the complete Software Development Life Cycle (SDLC) from Requirement Analysis to Maintenance. Used AGILE SCRUM methodology to deliver in sprints and Status Meetings, Code Review Meetings.
* Developed reusable components and services using TypeScript to perform CRUD operations based on Angular 12structure and concept of dependency injection.
* Utilized Entity Framework Code First approach for the Data Access Layer for the ASP.NET MVC 5 application using HTML5.
* Created REST Services using ASP.NET WebAPIand C# to expose analytics data to the clients and hosted them in IIS,Azure.
* Implemented client-side application to invoke Restful Web Services.
* Involved in testing like Unit test, Integration test, Acceptance test and Regression testing using NUnit and responsible for writing test scripts and scenarios.
* Ensured get, post, put and delete functionalities worked as expected through Web API using Postman services.
* Used Visual Studio .NET IDE to design the forms, develop and debug the application.
* Used Atlassian JIRA to track features, requirements, code defects and issues using form specific work item types.
* Adhere to department, organization and industry guidelines, standards, policies and procedures while meeting deadlines in a rapid release cycle

**Environment:** ASP.NET 4.8, C#, MVC 6, Google spanner, Big query, GKE, Visual Studio, Angular 12, Typescript, HTML5, CSS3, REST, Nunit, Azure, Team Foundation Server, Postman, Jira, Agile, Windows.

**Software Engineer Intern / Index Analytics - Baltimore, MD 01/2021 - 05/2021**

* Gained strong knowledge and experience with Amazon Web Services (AWS) Cloud services, such as EC2, S3, EBS, RDS, VPC, and IAM.
* Developed User Interface in React JS and implemented client-side interfaces using HTML5, CSS3, and Bootstrap for responsive design.
* Managed MongoDB Web API in NodeJS and integrated data into the frontend using React JS Components. Applied CORS on Web API in NodeJS to restrict API usage by other websites.
* Utilized Mongoose API to access the MongoDB from Node JS.
* Implemented GraphQL for data mutations to allow users to update their username and password information. Performed end- to-end Architecture & implementation assessment of various AWS services like Amazon EMR, Redshift and S3.
* Used Team Foundation Server, JIRA and Perforce for source control and project management
* Involved in designing graphical user interface (GUI) for web forms and in Requirement gathering, development, testing and deployment stages.
* Used JQuery and JavaScript, React JS for client-side validation and other purposes.
* Utilized Mongoose API to access the MongoDB from Node JS.
* Implemented GraphQL for data mutations to allow users to update their username and password information.

**Environment**: Windows, SDLC – Agile/ Scrum, MS Azure, AWS, EC2, S3 buckets, AWS Lambda, C#.Net, C#, ASP.Net, Entity Framework, MVC, MVVM, WCF, WPF, Web Forms, HTML, CSS, JavaScript, Ajax, Angular8, Angular7, Node JS, Jira, SSIS, SSRS, SQL, SQL Server, WebAPI, Git, Visual Studio, TSF, TeamCity, WCF, Stored Procedures, Functions, Triggers, SOAP, REST, Microsoft Entity Framework, LINQ, Jira.

**Software Engineer Intern / Keys, LLC - Elkridge, MD 09/2020 - 11/2020**

* Worked on Azure web application, Azure Storage, Azure Search, and Notification Hub.
* Involved in the complete Software Development Life Cycle (SDLC) with Agile Methodology, including Analysis, Design, Implementation, Testing, and Maintenance.
* Integrated architectural design patterns, such as MVC and MVVM, into Web application development for Booking Hotel using Asp.net MVC Framework.
* Implemented Web Services and Web API for critical operations in the application. Used AJAX AutoComplete to provide better search experience. Used Team Foundation Server, JIRA and Perforce for source control and project management
* Involved in designing graphical user interface (GUI) for web forms and in Requirement gathering, development, testing and deployment stages.
* Used JQuery and JavaScript, React JS for client-side validation and other purposes.
* Used Azure DevOps boards for Sprint planning and bug tracking.
* Integrated architectural design patterns, such as MVC and MVVM, into Web application development for Booking Hotel using Asp.net MVC Framework.
* Implemented Web Services and Web API for critical operations in the application. Used AJAX AutoComplete to provide better search experience.

**Environment:** Azure, Web API, Node JS, T-SQL, React, Rest API, WCF, Python, AJAX, ASP.NET core, MVC core, Razor, Mongo DB, HTML, Micro services, Octopus, .Net, Angular JS, GCP, JavaScript, Visual Studio, Data structure SQL Server, Agile.

**Software Engineer Intern / TWG Technologies - Newark, NJ 07/2020 - 09/2020**

* Led frontend development for a customer support application using Django framework.
* Collaborated with the Development team in Agile (Scrum) methodologies for release planning, estimation, and delivery processes.
* Participated in pre-project analysis and technical assessments to develop user-friendly interfaces and ensure correct functionality.
* Developed RESTful Services with Node.Js, Websockets, and JSON. Created conversational flows for chatbot using JavaScript and Service Now.
* Developed modules with Win Forms and other GUI components in C.
* Used HTML, CSS and JavaScript to develop Websites/Templates.
* Created and Maintained Windows services and Web Services.
* Developed WCF Service to integrate between different applications.
* Involved in Database Design, Creating tables, functions and Views.
* Designed RDBMS and develop T-SQL, Functions, Stored Procedures and Triggers using SQL Server.
* Created Guard Service in Angular 6 to prevent invalid routing address
* Generated SSRS reports using SQL Server 2008.
* Developed RESTful Services with Node.Js, Websockets, and JSON. Created conversational flows for chatbot using JavaScript and Service Now.

***Environment:*** ASP.NET, C .NET, ADO.NET, VB.NET, WCF, HTML, CSS, Web API, JavaScript, jQuery, Windows 7, Windows Server 2003, MS SQL Server 2008, Web Services, , SharePoint ,Window Services, SSRS.

**Software Engineer / Tech-Sapiens - Pune India 08/2017 - 07/2019**

* Involved in End-to-End development of applications, covering the entire life cycle of projects from Requirement gathering, Analysis, Design, Development to Deployment.
* Implemented UI using Angular 6, ASP.NET MVC, HTML, CSS, JavaScript, jQuery, Bootstrap, and AJAX Controls to create responsive web pages with developed layouts.
* Conducted System Testing, Functional Testing, and Regression Testing.
* Followed Agile methodology with daily scrum meetings and provided regular updates on user stories. Designed and developed Web API, WCF and Web service for the development teams.
* Used Angular CLI for initializing and project setup with scaffolding features.
* Created LINQ enabled database layer using API such as LINQ to SQL and Entity Framework.
* Involved in the modifying scripts, stored procedures, functions and triggers in the database in SQL Server 2016 for ensuring data integrity.
* Leveraged TFS (Team Foundation Server) on visual studio for Source Control Management.
* Followed Agile methodology with daily scrum meetings and provided regular updates on user stories.

**Environment:** .NET Core, ASP.NET Core, C#,Entity Framework Core, Typescript, Angular 4, JSON, HTML5, CSS3, Bootstrap, LINQ, SQL Server 2016, TFS, Agile, Windows.

**Software Engineering / Saiitron Tech - Pune India 12/2015 - 07/2017**

* Collaborated with an agile development team to test, develop, and maintain web and desktop-based software applications using Asp.net C#.
* Drafted detailed design objectives and developed architectural and system design documents. Developed Patient Scheduling, Patient Demographics, and Billing Information Modules in the Application. Used AJAX Controls & techniques for dynamic data presentation and interaction.
* Utilized ADO.NET in the Entity Framework to access, modify, and delete data in the SQL Server. Developed user controls in C# for to have binding of data in Master Pages.
* Effectively used JQuery and Angular JS Library for traversing HTML document, event handling and AJAX interactions.
* Involved in developing effective User Interface and Animation for WPF applications using XAML.
* Extensively used source control tools like TFS to create branches, versions controls, workspaces and to manage all the aspect of the project, shelving, unshelving and bug tracing for the team.
* Monitored different fallout status, retraction offer status, and internal services statusUtilized ADO.NET in the Entity Framework to access, modify, and delete data in the SQL Server.

**Environment:** ASP.NET Framework, C#, ASP.NET MVC 5, ADO.NET, HTML5, Bootstrap, Angular JS, jQuery, WPF, WCF, XML, XSLT, XAML, Crystal Reports, Ajax, SQL Server 2014, Windows.

**EDUCATION**

Master of Science: Information Science

University Of Maryland Baltimore County - Baltimore, MD ,3.86 GPA

Bachelor of Science: Information Technology Savitribai Phule Pune University - Pune India 3.5 GPA 05/2015