**Vinesh kumar**

**kvinesh286@gmail.com**

**813-517-8423**

IT professional with over 7+ years of experience in project life cycle, analysis, design and development of Web Applications & Database Design using the technologies like C#, .NET, ASP.NET, WCF, WPF, MVC, jQuery, XML, MS SQL Server. Excellent communication and interpersonal skills, quick learner, self-motivated, ability to work individually and as well as in a team environment with good team spirit.

**Professional Summary:**

* Have expertise in Web applications, .NET Web Services, Windows Services, Microservices, migrating and integrating applications as well as Visual Studio.
* Experience in Software Configuration Management (Daily Build, Release and testing methodology) Using tools like Team Foundation Server (TFS), Microsoft Visual Source Safe (VSS) and GitHub.
* Expertise in Design and Development of User Interfaces, User Controls and Custom Controls using ASP.NET and C#.
* Designed, built, and deployed application to AWS stack (Including EC2, R53, S3, RDS, Dynamo DB, SQS, IAM, and EMR), focusing on high-availability, fault tolerance, and auto-scaling.
* Integrated Open stack API with Amazon EC2 cloud-based architecture in AWS.
* Developed AWS Lambda & RDS function to send a request for internal service end points through API Gateway using Apache Http Client
* Experience in developing User Interfaces using Web Forms, Win Forms, and AJAX.
* Used PowerShell Scripting language for task automation and configuration management and performed administrative tasks.
* Worked on Payment gateway integration using SDK and followed PCI compliance for payments.
* Improved credit card security by implementing PCI-compliant payment service
* Involved in Unit Testing and created test cases using testing tools including NUnit and Jasmine.
* Full stack development: Researched, designed and implemented features using React/Redux, C# ASP.NET, and SQL server.
* Supported cloud team in migration of ON-PREM servers to AWS cloud to reduce cost efficiency.
* Developed AWS cloud formation templates to create VPC subnets for successful deployment.
* Sound understanding and familiarity of .NET Core 2.0, ASP.NET Core, Entity Framework Core.
* Experience in developing the data access components using ADO.Net Objects and ADO.Net Entity Framework Components with LINQ to Entity Queries.
* Experience in Client-Side debugging tools such as Firebug, Fiddler and SOAP UI.
* Worked extensively on HTML Controls, Web Controls and User Controls using C#.
* Expertise in creating web pages in ASP.NET using C#.NET with AJAX.
* Development experience with JavaScript and C# for implementing client side/server side code in ASP.NET applications.
* Developed ASP.NET MVC 4 applications using Code First Approach in Entity Framework 4 and UI in Razor View Engine and have experience with the MVC Architecture.
* Design and GUI development in Windows Presentation Foundation(WPF) and Windows Forms
* Proficient in building Web Applications using HTML5, XML, AJAX, JavaScript (jQuery, AngularJS), Bootstrap and CSS in a Client/Web Server environment.
* Acquired PCI compliance by completing web projects and server tasks, including integration with Paypal hosted.
* Worked on PowerShell scripting language to perform administrative tasks, and managed remote windows systems.
* Implemented various features throughout the project and handled change requests using ASP.Net, C#, XML, Web services and jQuery.
* Experience in working with WCF Services and XML Web Services using SOAP and WSDL following SOA in a distributed environment.
* Writing Stored Procedures and User Defined Scalar Functions (UDFs) to be used in the SSIS packages SQL Scripts.
* Used SSIS to manipulate data to integrate the SQL Server database into larger processes
* Designed and Developed reports using SSRS. Reports were developed against a variety of data sources which included SSRS.
* Develop application build and deploy jobs using PowerShell and Jenkins.
* Created LINQ enabled database layer using API such as LINQ to SQL and Entity Framework.
* Experience in deployment using IIS Application Servers.
* Experience in creating SPA pages with AngularJS.

**Technical Expertise:**

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| Languages | C# 6.0, T-SQL, PL/SQL, Angular 4, Java Script, jQuery, VB.NET. |
| Microsoft Technologies | .NET Framework […] C#.NET, ADO.NET, ASP.NET, Windows  Forms, Web Forms, ASP.NET MVC, WCF, MSF, SCSF CAB |
| Web Technologies | XML, HTML5, JavaScript, Angular.js, Node.js, React.js, Web API 2. 0 for Restful Services XAML |
| Entity Framework | Entity Framework 6.0,4.5, Lambda Expressions, Query Expressions |
| Development Tools | Visual Studio 2003, 2005, 2008, 2010, 2012, 2013, 2015 , Xamarin, iOS SDK, Android SDK |
| Web Servers | Web Services (REST, SOAP, WSDL), IIS6 |
| Databases | MS-SQL Server, MS Access, MySQL, SSRS, SSIS, T-SQL, SSAS Platforms Windows [NT, 2000, 2003, XP, 7]. Mongo DB, NoSQL |
| Methodology | SDLC, Waterfall Model and Agile and Scrum |
| Software Design Tool | Microsoft Visio , VMS |
| Reports | SQL Server Integration Services (SSIS), SQL Server Reporting Services (SSRS)  Platforms: Windows 2000, Windows XP and Vista/7, ES6. |
| Source Control | Team Foundation Server (TFS), Visual Source Safe (VSS), Microsoft Visual Source Safe (VSS), SVN, GIT. |

**Professional Experience:**

**Client: Benesys, Troy-MI Mar 2017 - Till date**

**Role: Full Stack .Net Developer**

**Responsibilities:**

* Developed Web Application front end using HTML, CSS, JavaScript, jQuery and Angular.
* Participated in a fully scalable Asp.Net based client application using C#, WCF, Entity Framework and SQL Server.
* Involved in Code Development using WEBAPI, C#, Angular 4, MVC, Micro Services, MySQL, Micro Services
* Worked on highly advanced user interface design and development using Angular 2, HTML and CSS.
* Hands on experience in using ASP.NET Ajax, jQuery. Involved in migrating ASP.NET to Angular.
* Worked on React JS Virtual Dom and React views rendering using components which contains custom HTML tags.
* Experience in automating the infrastructure in AWS using web services.
* Designed and developed hybrid single page application using C# 5.0, .Net Core 2.0, .Net 4.5, ASP.Net, MVC 5 and Angular JS.
* Developed the application's main dashboard using React/Redux allowing users to safely create and log into accounts. C# used to send and control data flow to SQL database.
* Fixed bugs and problems for design, CSS, HTML, and JavaScript.
* Use Generics extensively in C# and ASP.NET Menu Controls.
* Extensively used ADO.NET to build query-driven applications
* Designed and coded Win Forms using C#.NET.
* Created AWS RDS DB instances Oracle, MySQL.
* Developed Sample Code for various usages of Connection Manager, Multi-threading, Windows Mobile SDK and socket programming.
* Developed ASP.Net pages using ASP.NET core 2.0 web form controls, Custom Controls, HTML server controls in C#.
* Worked with jQuery and typescript for the development of the UI.
* Developed View Models using Typescript. Updated dashboard front end to support multiple dashboards and their CRUD operations using typescript.
* Designing and developing rich application for Web (ASPX/Silverlight) and Windows (WPF).
* Designed and developed business components and data components using C# and ADO.NET.
* Extensively involved in component development using front end web development tools like Cascading Style Sheets (CSS), JavaScript, jQuery and Angular4.
* Installing, configuring, testing and administration of RDBMS/NoSQL database clusters in AWS Cloud Network
* Manage the back-end connection to Microsoft SQL as the data source using .NET Core 2.0, ADO.Net and write SQL queries, stored procedures and triggers to manage data.
* Used Micro-services to ensure the scalability of application on cloud infrastructure.
* Designed and created REST web API to pass the parameter to custom SSRs Reports.
* Implemented Angular 4 Controllers to maintain each view data. Implemented Angular Service calls using Angular Factory.
* Developed the application using C# in .NET Core 2.0 using agile methodology in 3-tier architecture.
* Implemented RESTful services with JAX-RS using Micro Services Architecture.
* Used Redux-Store for storing state of the React Application and worked with middleware for the Redux-Store.
* Involved in migrating Angular 4 to Angular 5.
* Knowledge on docker based container deployments to create shelf environments for developments and containerization of environments delivery for releases.
* Web application designing and development using HTML, CSS, and React JS, handle services in ASP .NET MVC and SQL database
* Designed large numbers of WPF Forms, Custom Controls and User Controls using XAML language for UI and Dynamic Web Parts for personalized content which allows Change, Edit, Move the content on pages as per users' own choice.
* Created REST service for authentication using Spring Boot with embedded Tomcat server on Docker Container.
* Developed application using ASP.NET MVC architecture, involved in designing .NET application in Model View Controller (MVC) framework.
* Created Business Logic Layer, Repository Layer & Data Access Layers to implement MVC architecture.
* Create and configured the continuous delivery pipelines for deploying Micro Services using Jenkins CI server.
* Designed and developed data components using C# and ADO.NET.

**Environment**: Visual Studio 2015, ASP.NET MVC, C#,.NET Framework, WCF, Web API, Entity Framework, REST, Java script/jQuery, .NET Core 2.0, Angular 4/2, JSON, Ajax, JIRA, C#, Docker, Micro Services HTML, IIS, CSS, PowerShell, Bootstrap, java script, CSS, Angular4,6, Razor View Engine, XML, TFS, Typescript, Git hub.

**Client: DADS, Austin, TX May 2015 – Feb 2017  
Role: Full Stack .Net Developer**

**Responsibilities:**

* Followed the standard for Software Development Life Cycle Processes (Selection of a Life Cycle Model, Project Initiation, Project Monitoring and Control, Requirements, Design, Implementation, Installation, Operation and Support.
* Used Microsoft Entity Framework Code First approach for the Data Access Layer for ASP.NET, MVC4 application.
* Involved in gathering and analyzing the requirements from the client and actively involved in Full Life Cycle Development.
* Working in Agile Methodologies for rapid development and regular adaption to the varying requirements and continuous delivery of the working software.
* Developed the classes using C# which incorporate N-tier architecture and database connectivity. Used C# features such as Generics, Reflection and Serialization.
* Developed REST services using Web API framework.
* Responsible for validation of Client Interface HTML pages using JavaScript and jQuery.
* Analyzed and designed WPF application using MVVM and Repository pattern, from design to completion.
* Deployed and tested the AWS Lambdas on the AWS console by giving the JSON format as input to verify that the data is being persisted to the PostgreSQL correctly.
* Used S3 bucket for storage and used AWS SQS Queue to insert a new message which is used to alert the Down Stream users to use that message.
* Used AWS IAM to create Users, Groups and Roles and assign permissions to Users and Groups.
* Used AWS EC2 to store the snapshots of our data into AWS S3.
* Coded and developed interface with C# for various departments.
* Worked on React JS Virtual Dom and React views, rendering using components which contains additional components called custom HTML tags
* Implemented responsive web design (RWD) and mobile friendly design using Ionic framework; fully utilized its JavaScript UI library, including navigation, modal, slide box, scroll, action sheet and more and Angular 4.
* Designed and developed UI, User Controls, and Client-Server Side Validation Controls using ASP.NET, JavaScript and Angular 2.
* Used Redux from ReactJS for state management whenever there is huge data
* Involved in creating AJAX calls using AngularJS to handle data operations including ordering and filtering.
* Knowledge on Kafka messaging, and Docker containers.
* Experience working in Docker to containerize and deploying custom web applications. Created the environment for Docker Migration using Ansible.
* Used .Net Core, ADO.NET, ADO.NET Entity Framework and LINQ to Object to connect to SQL server database from Repositories classes for retrieving, manipulating, querying, storing data from the database.
* Hands-on experience with .Net Frameworks, WCF (Windows Communication Foundation), Asp.Net MVC, Microservices N-ServiceBus and JavaScript framework Angularjs.
* Developed application using Angular.JS 2.0 and Node.JS, React.JS connecting to Oracle on the backend.
* Developed micro services with Web / Restful API containing business logic and exposing end point.
* Involved in enhancing the application for client’s requirement based on demand using the MVC pattern, jQuery, Bootstrap, and Web API and SPA Application using Angular JS.
* Involved in creating web pages using Angular JS, JavaScript, jQuery, HTML 5.0 and CSS.
* Created the Editor and Display templates for MVC controls.
* Consumed Azure web services and managed deployment through cloud platform.
* Used Master Pages, shared layouts, CSS & Themes for the consistent look of the application.
* Created View models to encapsulate all models and classes used on the different views for a more organized, structured, and clean code.
* Improved user experience using jQuery. Used jQuery event handling mechanism to dynamically assign events on web controls.
* Involved in prioritizing the issues and identifying the root cause analysis and bug fixes.
* Designed, Developed and tested packages to extract, transform and load data using SQL Server Integration Services (SSIS).
* Developed advanced ETL import packages using SSIS, T-SQL to transform and import raw index data into database tables.
* Processed data from flat files excel files, .csv files into proprietary hierarchical data structure system through SSIS packages and custom procedures.
* Provided efficient error handling to the SSIS packages.
* Designed and developed MS SQL Server Reporting Services (SSRS) under SQL Server 2014.
* Experience with SQL Server Reporting Services (SSRS) to author, manage, and deliver both paper-based and interactive Web-based reports.
* Involved in migration of SSRS from SQL 2008 to SQL 2014.
* Involved in writing SQL Statements, Views and Stored Procedures, Indexes to validate data and ensure system integrity and security Written LINQ functions for data access.
* Developed test-driven development (TDD) strategy guiding use of the N-unit testing framework.
* Used Team Foundation Server (TFS) for continuous integration and version control.
* Used Fiddler to debug web request and responses to solve user issues on the client side.
* Reviewed code to ensure that all the Processes and Standards are being ensured that correct implementation of requirements, coding standard, project architecture, efficient code writing techniques.

**Environment**: C#, ASP.NET, TDD, .Net Framework 4.5/4.0, SQL 2014, SQL Server Integration Services (SSIS), SQL server Reporting Services (SSRS), Micro Services,POWERSHELL, CSS, JAVA SCRIPT, Angular2,4, Visual Studio2015, AZURE, Telerik Rad Controls, MVC, Git, JIRA, SOAP Web services, XML, OOP, TFS, Docker, WCF, REST, HTML 5, Web API, N-Tier Architecture, Agile, SCRUM.

**Client: United Health Group, Minneapolis, MN Jan 2014 – Apr 2015**

**Role: .Net Developer**

**Responsibilities:**

* Analysis of the specifications/ requirements which are provided by the business user.
* Requirements gathering from business and defining specifications for the system.
* Utilized Modernizer extensively to build HTML5/CSS3 based page layouts that are cross-browser compatible and standards-compliant. Effectively used ASP.NET application.
* Developed code to call Web services/APIs to fetch the data and populate on the UI using AngularJS/AJAX.
* Effectively created modules, controllers, services and factory files using JavaScript.
* Designed a Single Page Application (SPA) as a proof of concept using JS, HTML5 and Boot strap.
* Effectively created custom routes and added them to ASP.NET MVC routes collection.
* Extensively used MVCIs Required Max Length etc. attributes on the Model properties for validation purposes.
* Created a vpc in AWS for environments with both a public and prvt sub net.
* Created style sheets and layout pages to preserve consistent look and feel of the application.
* Configured Windows Communication Foundation (WCF) service to authenticate clients with Windows credentials for intranet applications for login validations. Back end data stored on SQL Server and Oracle.
* Experience in writing C#.Net classes for reusability of the code using .Net 3.5 framework library. Implemented authentication for NoSQL DB through Cassandra connector scripts for enabling the scripts to run.
* Actively involved in coding and designing using C#, XML, ADO.NET, JavaScript, HTML, and Cascading style sheets (CSS3).
* Worked on testing and deployment automation with Docker, AWS and Ansible.
* Well versed with Continuous integration tools with Database such as Jenkins and Rabbit MQ.
* Successfully created roadmap to move the business from Waterfall to Agile/Scrum process.
* Involved in writing application level code to interact with Controllers and Web API'S, using AJAX and XML.
* Experienced with wide range of software development environments micro services, SOA, Web Services - (SOAP/REST), RDBMS, NoSQL, E-Commerce node.
* Used interactive at a binding, filters, Controllers, Directives, Factories and Services and events using JS.
* Created Database Tables and have written SQL Queries, Stored Procedures for all the Transactions in and out of the Database using SQL server 2008. Managing SQL server using PowerShell scripts.
* Designed interactive ASP.NET MVC views using JQuery, HTML, CSS and AJAX to provide excellent user experience. Used Entity Framework 6.0 as ORM for binding the data to the Model classes.
* Highly skilled and experienced in Agile Development process for diverse requirements and Test-Driven Development TDD. Have Knowledge on Microsoft Bot Framework, Web API, Azure cloud Storage.
* Extensively worked on NoSQL development for developing applications using AWS. Also, created the tables in Dynamo DB and Mongo DB. Used JIRA to track the progress of the application.
* Experience in using Sencha Ext JS, a JavaScript Framework for creating Charts to interactively display Data.
* Used NHibernate for mapping from .NET classes to database tables.
* Designed and developed web user controls, master pages, validation controls, CSS files using C#.NET 4.0, VB.NET, JQuery, XML, HTML and ASP.NET 2.0/3.5/4.0. Worked on Bootstrap to create Responsive Web Design.
* Implemented OOPS concepts and developed the application with C#, ASP.NET MVC 3 and ADO.NET.
* Using LINQ made queries for WCF services, WPF and Win Forms.
* Developed various stored procedures for the data retrieval from the database and generating several types of reports using SQL reporting services (SSRS). Implemented MVVM collaboratively with KnockoutJS.
* Analyzed user department requirements, designed, developed, tested, implemented applications using C#, VB.NET, ASP.NET MVC, JavaScript, ASP.NET, ADO.NET, MS SQL Server, Oracle DB.
* Responsible for maintaining versions of source code along with the maintenance of the documents using Team Foundation Server 2010.

**Environment:** C#, ASP.NET4.5, MVC5, VB.NET, ADO.NET, HTML5, CSS3, AngularJS, Visual Studio2012, SQL 2008/2012, Razor View Engine, Micro Services, WCF, PowerShell, Web services, C#, XML, DHTML, CSS, SQL 2008/2012, TFS, Dynamo DB, AWS, Mongo DB, Bootstrap, PowerShell, TDD, Win forms, AJAX, Agile, IIS7.x, JavaScript, jQuery, Jenkins, LINQ to SQL, Windows Server 2008 R2.

**Client: Syntel, India May 2012 – June 2013**

**Role: .Net Developer**

**Responsibilities:**

* Involved in Design and Code Construction with OOPs Implementation.
* Involved in Maintenance / Enhancements of the application which includes developing the new reports.
* Leading the developer team for the new application development in Visual C#, ASP.NET 3.5 / Microsoft Enterprise Patterns and Practices Framework/ SQL Database, LINQ, WCF.
* Responsible for Database design, and creating of Stored Procedures, triggers to perform the Data retrieval from multiple tables using SQL Database.
* Developed web pages using Asp.Net, JavaScript for Client-Side Validation.
* Developed GUI using MS Visual Studio, ASP.NET Web Forms with Ajax controls.
* Microsoft Azure used to build our applications as a cluster that allocates a specific set of process and to secure the data in better way.
* Provide a common Server-side and Client-side transparent data manipulation API that can operate both inline and in an asynchronous fashion.
* Worked with GIT, CVS, SVN and Clear case for version control.
* Deployed applications into test and production environments by using web server (IIS).
* Implemented Core Business logic and Error Handling
* Used ADO.NET objects such as Data Reader, Dataset and Data Adapter, for Consistent access to SQL data source.
* Effectively used jQuery a concise JavaScript Library for traversing HTML document, event handling and AJAX interactions.
* Accessing personal data, benefits information, requests for PT and payroll, relieving HR from time-consuming data management using HCM.
* Developed Web User Controls and Custom User Controls to minimize code redundancy.
* Extensively used ASP.NET Grid View, Repeater, Details View, Tree View, Data List and Repeater controls for displaying the data in a clear format.
* Worked with ASP.NET Web Forms, State Management, caching features, configuring optimizations and securing the web application.
* To persist and transfer data between pages Session State, View State, Cookies and Query Strings were used.
* All the commonly used functions are written in a class file and calling those functions using inheritance.
* Developed Unit Test Scenarios and tested Test Scenarios in Web methods using N-Unit.

**Environment:** ASP.NET, C#, ADO.NET, Visual Studio 2010, .NET, Agile Model, Azure, TFS, LINQ, Web Services, SOAP, Silverlight, JavaScript, Ajax, HTML, XML, IIS, SQL Server2005, MS-Access 2000, SQL server reporting Service, GIT, Windows XP/2003/2000/NT.

**Client: SkilledRES, India Jan 2011 – April 2012**

**Role: Jr .Net DEVELOPER**

**Responsibilities:**

* Worked closely with clients in gathering and analyzing requirements and providing solutions that meet the client's requirements.
* Used agile model for regular adaption to changing requirements and developing requirements.
* Involved in analyzing and designing of the system.
* Developed presentation layer Components using ASP.NET 3.0 with Ajax.
* Provided Windows based and Form Based Security for Login and Authentication.
* Developed web forms using ASP.NET, C# and .Net Framework.
* Implemented various User Controls and Custom Controls in front-end forms
* Worked on enhancements on the portal side of the project using MVC 3.0, C#.
* ADO.NET was used to access data from SQL Server 2005.
* Used MVC to create various views of the webpages.
* Wrote SQL queries with Joins on multiple tables, Stored Procedures, Functions, Triggers, Backup and Restore
* Database define roles. Create database Involved in designing database, SQL queries optimization and performance.
* Involved in full lifecycle of the project from design, development & Testing.

**Environment:** C#, .Net Framework, VB.Net, ASP.NET 3.5, ADO.NET, MVC, Care Analyzer, Visual Studio 2008, HTML, JQuery, SQL Server 2005, Windows Server 2008 and TFS.