**Vittal Kumar**

*.Net Developer*

[*Vittal.1262@gmail.com*](mailto:mrugen.8281@gmail.com)

*312-560-9100*

**Summary:**

* **8 years** of working experience in all phases of **Software Development Life Cycle** (SDLC)and **AGILE methodologies of development process** including Analysis, Design, Development, testing, Production and Implementation of Applications using Microsoft technologies.
* Experience in developing applications using Microsoft **.NET 4.0/ 3.5/ 3.0, ASP.NET, C#, VB.NET, ADO.NET, SOAP, Win Forms, Web API** and **Windows Services.**
* Have extensively applied Object-Oriented Design (**OOD**) and Object Oriented Programming (**OOP**).
* Expertise in **developing Client/Server Applications on Three Tier Architecture**, **N-Tier Architecture**, **SOA** (Service-oriented Architecture), **MVC4.0/4.5/5.0**(Model View Controller).
* Good Knowledge and experience of **VB 6.0, ASP, COM, DCOM, IIS 6.0/7.0, Visual Studio 2012/2013/2015, .NET Remoting Services, Web Services.**
* Expertise in using **Web Server controls** and developing reusable component like **User controls** and **Custom controls** in .NET framework.
* Expertise in Data Structures, Collections, and Design Patterns.
* Hands on experience in web technology using **ASP.NET, HTML5, XML, CSS3, AJAX, Bootstrap, JSON, ANGULAR JS, VB Script, jQuery** and **JavaScript.**
* Worked extensively on **ADO.NET** to access and manipulate database like MS SQL Server and Oracle.
* Very good experience **in developing distributed applications using Web Services**, **SOAP**, **WCF** and **XML** in **C#**
* Knowledge of **SharePoint Object Model** and Web services API.
* Very good experience **in WPF** using C**# and VB.Net.**
* Designed, implemented and configured **WCF** service layer
* Experience in generating reports using **SSRS** and migrate data from Legacy Systems into current database using **SSIS**.
* Hands on experience in **Team Foundation Server-TFS, Git, SVN and Visual Source Safe (VSS).**
* Experience in building **Rich User Interface** web applications using **Silverlight (MVVM)** and **XAML.**
* Working experience in designing and building databases with **MS SQL Server 2005/2008, Oracle** and **MS-Access** as backend.
* Extensive experience in Database programming using **T-SQL and PL/SQ**L**, Sub Queries, Joins, Stored Procedures, Cursors, Triggers, Views and Indexes.**
* Experience with **TDD** (**Test Driven Development**) and **NUNIT**
* Designed design diagrams, class diagrams and sequence diagrams using **UML.**
* Highly competent in gathering, understanding and analyzing user requirements and converting them into **software requirement specifications**.
* Experience in interacting with the end users for understanding the business requirements and translating them into technical processes.
* Experience in documenting, preparing test plans, executing it and **Code Review**.

**Technical Skills:**

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| --- | --- |
| **Primary Skills** | ASP.Net, C#.Net ,VB.Net, ADO.NET, ASP.NET, AJAX, ANGULARJS, Web Services, XML, Oracle 9i, SQL Server 2000/2005/2008, PL/SQL, WCF, Workflow and Crystal Report for .Net. SQL Server SSIS / SSRS. |
| **Operating System** | Windows 2003 server, XP and Vista |
| **Application Servers** | IIS 6.0 and Web Sphere. |
| **Scripting Languages** | JavaScript, jQuery. |
| **Development Tools** | Visual Studio.Net 2005, 2008 and 2010, VB 6.0, Visio, Dream Weaver,JIRA andHP ALM. |
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| **COM** | ActiveX DLL/EXE/OCX and D-COM |
|  |  |
| **.Net Framework** | Framework 2.0, 3.0, 3.5 and 4.0, MVC/MVP |
| **RDBMS** | Oracle 9i, 10i, SQL Server 2005 and 2008. |
| **Other Tools** | SSRS, Crystal Reports for .Net, Visual Source Safe(VSS) and Tortoise  CVS, Content Management System |
| **Version Control** | VSS, CVS, Tortoise CVS, Win CVS., TFS |

**Professional Experience:**

**Client: Caterpillar, IL July 2017 – Present**

**Vendor: CGN Global.**

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**Responsibilities:**

* Use **Agile Methodologies** for regular adaption to change requirements and continuous delivery of useful and working software.
* Developed webpages using **ASP.NET MVC 5** with Entity Framework and **Razor View Engine**.
* Created Directives, Services, Filters using Angular JS with Typescript.
* Used Angular framework and have written code in JavaScript and Typescript of user interface.
* Used **Bootstrap CSS** model adaptability framework for styling the application.
* Used **JavaScript** and jQuery for validations and customizations of the front-end screens and controls.
* Combined **GIT** with Jenkins for automation during the code check-out process. Used it in Release Process & Policy in SDLC.
* Using **VSTS** (Visual Studio Team Server) for code repository.
* Used **LINQ** for writing queries in Entity Framework.
* Used Microsoft SQL 2016 Server for database programming.

**Environment**: SQL Server 2016, IIS 7.5, Visual Studio 2015, C#, ADO.NET, ASP.NET 4.6, MVC 6.0, WCF, WPF, AJAX, HTML5, XML, CSS3, JQuery, Bootstrap, JavaScript, GIT, Angular 2.0 and Web User Controls, Kentico 10.0

**Client: Pacific Gas and Electric Company, CA July 2015 – June 2017**

**Vendor: Infosys.**

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The **Pacific Gas and Electric Company** (**PG&E**) is an investor-owned electric utility (IOU) with publicly traded stock that is headquartered in the Pacific Gas & Electric Building in San Francisco. PG&E provides natural gas and electricity to most of the northern two-thirds of California, from Bakersfield almost to the Oregon border which represents 5.2 million households.

**Responsibilities:**

* Involved in gathering requirements and performed object oriented analysis, design and implementation.
* Use **Agile Methodologies** for regular adaption to changing requirements and continuous delivery of useful and working software.
* Played major role in the development of the web application using **ASP.NET, C#.**
* Used front-end web development tools like **Angular JS, JavaScript, HTML5, CSS3, Telerik, Kendo UI,** and **jQuery.**
* Used .NET **AJAX** controls to dynamically render the content on web pages using C#.
* Experience in development and implementation of **Windows Communication Foundation (WCF),** and also responsible for developing **WCF based Service, Data, Fault and Message Contracts** and services.
* **ADO.NET** objects such as Data Set, Data View, Data Reader and Data Adapter are used in the Data Access layer to communicate with the database to access, update data in the database.
* Setting up the application development environment by using **Microsoft TFS (Team Foundation Server).**
* Was able to upload multiple files and contact groups using **SharePoint**.
* Designed and maintained database in **SQL Server 2008**. Created tables, views, user defined functions, **stored procedures** and **triggers.**

**Environment:** ASP.Net, C#, ADO.NET, .Net Web services, Angular, WCF, ASP.NET, Visual Studio 2013, SQL Server 2008 R2, SSRS, .Net Framework 4.5, JavaScript, , IIS 6.0, HTML, CSS, ,Windows 7.

**Nickelfish, NJ April 2013 –June 2015**

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Nickelfish - Discovery is critical to understanding the nature of the product's purpose, and is necessary to gather ideas about the scope of the project. Goal-setting discussions occur, as well as the identification of business drivers to further isolate the points of focus. Comprehensive project planning and scheduling ensure a constant state of momentum in a forward direction, and functional bucketing serves to strip away any superfluous features that might impinge on progress.

**Responsibilities:**

* Analyzed business requirements, and defined the **Object-oriented solution** using UML diagrams like **Activity diagram, Sequence diagram, Class diagram** for this application.
* Involved in Object Oriented Analysis and Design **(OOAD**) throughout the project.
* Developed webpages using **ASP.NET MVC** and **Razor View Engine**.
* Designed and developed web forms using Visual Studio **.Net Framework 4.5** and C# for application.
* Designed the **User Interface** (UI) screens using **ASP.NET** Web Technology.
* Developed **User controls** and Business components to be used throughout the application.
* Developed WCF Service to share the business-related data with other application.
* **AngularJS** used for model binding and API calls.
* Implemented **Silverlight** to add animations to the application.
* Used Validation Controls for corresponding validations required for business logic in the Forms.
* **Created Shared Assemblies** in C# to reuse the code in multiple web applications.
* Actively involved in coding and designing using C#, XML, ADO.NET, JavaScript, HTML, and **Cascading Style Sheets** (CSS).
* Designed database structure and sext relationship between tables.
* Designed and implemented data access layer using **ADO.NET** and **C#.NET**.
* Created Stored Procedure, Trigger for database access and events.
* Participated in architectural discussions and developed application software using proven **agile development practices including Test-Driven Design/Development** and Continuous Integration.
* Used Design patterns such as **Singleton design pattern**.
* Used **JavaScript** for validations and customizations of the front-end screens and controls.
* Developed package carrier API in.NET like Web API, REST, SOAP, and XML.
* Involved inUnit testing of the developed module’s and findings are documented for peer reviews using **NUnit.**
* Provided 24X7 production support and resolved issues within the designated time frame.

**Environment:** ASP.Net, C#, ADO.NET, .Net Web services, WCF, ASP.NET, Xml,XAML,PowerShell,Visual Studio 2012,SQL Server 2008 R2, SSRS, .Net Framework 4.5, JavaScript, MVC 4.0, IIS 6.0, HTML, CSS, UML,Web Clear Case Tool, Subversion,Windows 7.

**Verizon,NJ** **Jan 2012 – March 2013** **.Net Developer**

Verizon Communications Inc. operates as a holding company, which provides broadband and other wireless and wire line communications services to consumer, business, and government and wholesale customers. It also provides converged communications, information and entertainment services over America's most advanced fiber-optic network, and delivers integrated business solutions to customers.

**Responsibilities:**

* Involve in Design, Development andunit testing of the system.
* Created **ASP.NET** Master Pages, globally defined User controls onto Web.config file, skins and themes using ASP.NET.
* Incorporated various Data, Navigation and Validation controls for added sustainability.
* Updated programming **C# code** as per manager request.
* Added various Custom Server Controls & Custom User Controls with Event Handling Mechanisms to enable Post back from the server.
* Efficiently displayed data in Grid View, along with a populating Tree view, Details View and Data List along with update controls.
* Developed websites using JavaScript frameworks such as **AngularJS**.
* Used **ADO.Net** and Created **CRUD** Operation to access data from **SQL server 2008 R2**.
* Configured the **IIS** web server to host the **ASP.Net** application
* Extensively used **ASP.NET AJAX** Toolkit to create server and client-side validations that reduces the overhead consumption for a much quick page loading.
* Implemented Web Services using **WCF** to update the information displayed in the browser and to authenticate the current users to ensure security and information sharing.
* Used **LINQ** and **design patterns** for **Entity Framework**.
* Designed, implemented and configured **WCF** service layer.
* Worked with WPF designing rich User Interface, creating Custom Controls using Expression Blend.
* Extensively used WPF Layouts like Grid Panel, Stack Panel, and Dock Panel while designing the Views.
* Responsible for design and development of different modules using object oriented programming concepts.
* Involved in SQL Server data modeling, Stored Procedures and customized Microsoft Data Access Application Block for .Net to perform common data access tasks using Enterprise Library.
* Used T-SQL stored procedures to protect data integrity through permissions and table abstraction while increasing application speed and ADO.Net technology for data retrieving, querying, storage and manipulation.
* Designed and developed user-interface for all modules of the project using ASP.NET Views and jQuery.
* Used **MVC design architecture and Validation controls** to check the validation of the controls that are used in this project.
* Implemented .Net classes for Business Logic Layer using C# and used Entity Framework to implement data access layer.
* Implemented Restful services**HTTP Handlers** in developing Web Service replication interface
* Worked on .NET Security features such as Authentication & Authorization, Forms-based Authentication, tracing.
* Used **Team Foundation Server (TFS)** to maintain the version control history during development.
* Used **SSRS** for developing reports for analyzing the inflow and outflow of different documents, tickets.
* Used Apache Hadoop for client server application.
* Used **BootstrapCSS** model adaptability framework for styling the application.
* Involved in creating and designing the normalized relational database, stored procedures, views and triggers.
* Provided 24X7 production support and resolved issues within the designated time frame.

**Environment:** NET Framework 4.0, Visual Studio 2010, MVC 4.0, FTP Scripting, DTS Packages, DBMS, C# 4.0, Entity Framework, AJAX, jQuery, JSON, XML, JavaScript, SQL Server 2008, TDD, SQL Server 2012, LINQ, T-SQL, TFS, IIS, HTML 5, CSS 3

**Geico Chevy Chase, MD Sept 2010 –Dec 2011**

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Geico is product focused (policy) where single user has to maintain account for each policy. ECAMS project is to provide a Single-Sign-On (SSO) system to establish a customer-centric approach for the Geico customers, to sign on once, and move through different or policies without requesting user credentials again, save for possible privilege escalations when required. A single customer account can access more than one policy at a time, and, as the customer acquires more policies, then link them. Allow customers to seamlessly move from one application to another, e.g. from Claims to In Site and vice-versa.

**Responsibilities:**

* Involved in design and development stages.
* Developed user interfaces using **ASP.NET 3.0**.
* Designed and implemented normalized database using **SQL Server 2005**.
* Designed and developed web pages using **ASP.NET, C#.NET**, **JSON**, **HTML5** and **jQuery**.
* Developed the application with n-tier architecture using Class libraries, **Data entities, Services, Data access layer, business logic layer and stored procedures.**
* Introduced and implemented Agile Methodologies such as Scrum, Extreme Programming (XP) and Test Driven Development (TDD).
* Extensive experience of Rational Unified Process (RUP), UML, XML, HTML, SQL and Stored Procedures.
* Used **ASP.NET MVC** Page Controller pattern to add functionality to individual pages such that to accept input from the page request, invoke the requested actions on the mode.
* Created **DTS Packages** using MS SQL. Implemented **DBMS** concepts in this project.
* Created **Stored Procedures**, **Triggers**, and **Views** for database functionalities.
* Involved in the development and integration of Business Logic in different modules of the application and integrated them to form complete Business Logic Layer in **C#.NET**.
* Implemented the Data Access Layer using **C#** and **ADO.NET** to access underlying database.
* Created components in **VB.Net** that can be reused on several pages.
* Implemented **AngularJS** pattern in the application development.
* Used **AngularJS** as the development framework to build a single-page application
* The UI components include jQuery UI, Bootstrap and **Knockout JS.**
* Created and consumed **XML Web Services** to access data layer components.
* **JavaScript** and **Ajax** were used to handle and client-side functionality.
* Used **SSRS** and **SSIS** for Reporting and Integration service.
* Involved in requirement analysis and application designing sessions with business analysts and team members to outline the proposed IT solution.
* Involved in development of business logic which includes Code-behind files, User controls and Classes in the middle tier using **C#.Net.**
* Extensive experience of Rational Unified Process (RUP), UML, XML, HTML, SQL and Stored Procedures.
* Introduced and implemented Agile Methodologies such as Scrum, Extreme Programming (XP) and Test Driven Development (TDD).
* Designed and Developed an Interactive Graphical User Interface for various modules using **Win Forms**, Windows service, desktop applications inheritable Win Forms and User Controls.
* Created **DTS Packages** using MS SQL. Implemented **DBMS** concepts in this project.
* Developed classes for consuming **web services** by using XML Web Services.
* Used **Web Services (SOAP, WSDL)** for communicating with other application and components.
* Used jQuery Library for Client-side validations and Ajax calls.
* Provided 24X7 production support and resolved issues within the designated time frame.
* Worked on WCF Web Services using **C#** to authenticate lookup and retrieve the data from database. Consumed by Windows forms and COM+ components.

**Environment:**MS Visual Studio 2005, ASP.Net 3.0, ADO.Net, C#.Net, JavaScript, HTML, CSS, AJAX, XML, MVC, MS SQL Server 2005, IIS 6.0

**United Health Group, Hyderabad June 2009 – Aug 2010**

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**UnitedHealth Group Inc.** is an American managed health care company based in Minnetonka, Minnesota. It is 6th in the United States on the Fortune 500. UnitedHealth Group offers products and services through two operating businesses, UnitedHealth care and Optum, both subsidiaries of UnitedHealth Group.

**Responsibilities:**

* Involve in Design, Development and unit testing of the system.
* Created **ASP.NET** Master Pages, globally defined User controls onto Web.config file, skins and themes using ASP.NET.
* Incorporated various Data, Navigation and Validation controls for added sustainability.
* Updated programming **C# code** as per manager request.
* Added various Custom Server Controls & Custom User Controls with Event Handling Mechanisms to enable Post back from the server.
* Efficiently displayed data in Grid View, along with a populating Tree view, Details View and Data List along with update controls.
* Used **ADO.Net** and Created **CRUD** Operation to access data from **SQL server 2008 R2**.
* Configured the **IIS** web server to host the **ASP.Net** application
* Extensively used **ASP.NET AJAX** Toolkit to create server and client-side validations that reduces the overhead consumption for a much quick page loading.
* Implemented Web Services using **WCF** to update the information displayed in the browser and to authenticate the current users to ensure security and information sharing.
* Used **LINQ and design patterns** for**Entity Framework**.
* Participated in requirement gathering sessions with the client and preparation/modifying of the requirements in Requirement Specification document using **UML**
* **Implemented OO Design and Concepts**& data modeling to analyze and define data requirements need to support business requirements.
* Designed User Interface using **Web Forms, Win forms, DHTML, XSLT, XML, JavaScript, AJAX, CSS, ASP.NET, Server Controls and Visual Studio.Net.**
* Created user interfaces using **ASP.NET Web forms** and **Web Server controls**. Navigation menus were implemented using **Tree and Menu Controls and Custom/User Controls in ASP. NET**
* Studied Business Requirements, Analysis and converted business requirements into technical specifications.
* Coded the **Business Logic layer** and **Data Access layer** using **C#**.NET.
* Used **Themes, Skins and CSS** to give look and feel to Web pages using ASP.Net
* Developed **User Controls** to reduce the Complexity in User Interface Coding and provide better look and feel & performed validation using JavaScript.
* Worked on ASP.NET State management, using Sessions and ASP.Net Caching features using Output Cache.
* Implemented **AJAX** for making the web application more interactive to the users.
* Extensively used **ADO.NET** classes provided by the **.NET Framework 2.0** for database connectivity.
* Developed **data access assemblies in C# to connect to SQL Server database** and isolated data access logic from business layer and front end by defining several strongly typed dataset.
* Implemented **Forms-based Authentication** to authenticate the users
* Written SQL Queries, **Stored Procedures**, functions using TSQL
* **Unit Testing** using **N Unit**, **Regression Testing**, **Integration Testing**, **Defect Tracking Systems** and **Performance testing** of the software systems.

**Environment:.**Net Framework 2.0, C#.NET, ASP.Net 2.0, ADO.Net, SQL Server 2005, Visual Studio.Net 2005, TSQL, XML, XSLT, Edit Plus, WCF, UML, VSS, WPF, Photoshop, Ajax, JavaScript, SSRS, DHTML, CSS, HTML, N-Unit, IIS, Visual SourceSafe, Windows XP

**EDUCATION:**

Bachelors in Technology from JNTUHYD, India

Major: Computer Science