**Vinay Kumar**

**vinay.dwevedi@gmail.com**

+1 (848)-252-0418

**Summary**

* 10+ years of experience in all stages of SDLC (software development life cycle) which includes analysis, design, development, unit testing and deployment of enterprise web applications
* Proven ability to manage project resources, interact with clients, coordinate and work in achieving high levels of productivity and efficiency in complex, dynamic and challenging environments
* Experience in design and development of applications based on.NET, MS SQL Server, Oracle, Angular, Typescript and Bootstrap.
* Knowledge of different type of designing patterns e.g. Singleton, Factory, IOC & DI, Repository Pattern using Entity framework and good knowledge of SOLID principal.
* Worked in Agile environment and meet given timelines with quality of code.
* Proficient in OOP (Object Oriented Analysis, Design and Programming) skills
* Successfully implemented various Multi-Layered, Multi-Tiered .NET applications using ORM tools
* Designed data access layer using ORM toolslike Entity Framework,
* Experience in C#.NET, ASP.NET, ADO.NET, MVC, .NET Framework 4.5/4.0/3.5/2.0, SQL Server 2016/2014/2012/2008/2005, Oracle 10g/11g.
* Knowledge of other different tools like Crystal Report, MS-Test, Visual Source Safe, SVN, FTS, StyleCop and FxCop, Cruise Controls and JIRA.
* Good knowledge of Crystal Reports.
* Experience in implementing Web Service/WCF/Web API2 and data communication a both XML & JSON.
* Experience in Java Script, JQuery, Angular, Bootstrap, CSS3.
* Experience in Relational Database Design, Query Optimization and Implementation of database objects like Tables, Views, Stored Procedures, Functions and Triggers using MS SQL Server
* Experience with training and mentoring team members with product knowledge and business processes.
* Excellent analytical & problem solving skills. A team player with strong interpersonal and communication proficiency.
* Experience in writing Windows service and Web API REST Services for devices application.

**Technical Skills:**

|  |  |
| --- | --- |
| **Languages** | C#, VB.Net |
| **Source Control** | SVN, VSS, TFS |
| **Web Technologies** | ASP.Net, WCF, Web API,MVC, SOAP Web Services, Ajax, HTML/HTML5,Bootstrap framework, CSS/CSS3, JavaScript, JQuery, JSON,WCF Restful Services, Angular JS/Angular 2, |
| **DBTechnologies** | SQLServer2016/2014/2012/2008, Oracle10g/11g |
| **Debugging Tools** | Chrome Advance Rest Client, SQL Profiler, Soap UI, Fiddler |
| **Issue trackers** | Jira, Assembla |
| **Frameworks** | LINQ, Entity Framework 4.5/4.0/3.5/3.0/2.0 |
| **Business Intelligence** | Crystal Report, SSRS |
| **Operating Systems** | Windows 10/8/7/XP, Windows Server 2008 R2/2003 |
| **Visual Studio IDEs** | VS.NET 2015/2013/2010/2008/2005 |
| **Web Servers** | IIS7.5, IIS6.0 and IIS5.1 |
| **Other(s)** | SVG, Third party tools like Telerik, Kendo UI, MS-Test, Style Cop, Fx-Cop, JIRA and cruise control, Jenkin, Jasmin, and Karma |

**Education:**

Master of Computer Application (MCA) in 2008 from IGNOU, New Delhi, INDIA

Bachelor in Computer Application (BCA) in 2005 from IGNOU, New Delhi, INDIA

**Professional Experience**

**Client: Hi Touch Business Services, Saddle Brook, NJ Mar. 2016 - Present**

**Role: Sr. .Net Developer**

**Project # 1: Hi Touch Business**

**URL:** [**http://www.hitouchservices.com**](http://www.hitouchservices.com)

**Description:**

Integrate HI-Touch E-Commerce application with Logic Broker application. Items check out on Logic Broker application been placed on HI-Touch e-commerce site. Write windows service to automated shipment notification.

**Responsibilities**

* Integrate Logic Broker with Hi-Touch ecommerce portal.
* Involved in technical analysis, design, coding.
* Implemented code according to coding standards.
* Performed end-to-end load testing on the Web API with multiple clients.
* Worked with designers and testers team for delivering the requirements and achieving the functionality with quality of code.
* Review of Functional Specifications, Coding.
* Implemented using Agile Methodologies.
* Error Handling and logging.
* Any items checkout from Xerox can be purchased on Hi-Touch portal.
* Write windows service to deal with failed orders.
* Mapping data base to accommodate product and items mapping for both organization
* Write Complex Stored Procedures, Trigger, Cursor using Oracle 11g
* Queries & Joins, and User Defined Functions using Oracle 11g database.
* Write unit test for the application.

**Environnent :** Asp.Net, Web API, Entity Framework, Java Script, C#, Oracle 11g, TFS

**Client: Logic Broker , Shelton, CT**

**Role: .Net Developer**

**Project # 1: EDI Integration.**

**Description:**

Windows service application to upload and download data from FTP server. Inbound process pulls XML data from FTP and update into Microsoft Navision. In Outbound process data from Microsoft Navision e.g. invoice and shipment notification been pushed to FTP server. This is the way, how two different platforms Logic Broker and Hi Touch use to exchange data together. Dashboard to display success/failure processed like PO, PO Ack, ASN etc. using Angular.

**Responsibilities**

* Mapping of XML and DB fields to make application more generic
* Write Complex Stored Procedures, Trigger, Cursor, Queries & Joins, and User Defined Functions using Oracle 11g database.
* EDI integration like Purchase Order, Involving, Shipment Notification for inbound and outbound process.
* Write windows service to connect and download/upload cXML file to the FTP server.
* Created user interface using Angular and Bootstrap to display successes and failed process like Invoice, PO, PO Acknowledge, and Advance Shipment Notification.
* Involved in technical analysis, design, coding, code reviews, unit integration testing.
* Implemented code according to coding standards.
* Performed end-to-end load testing with multiple clients.
* Interacting with the client on a regular basis to know the requirements and to understand the business
* Review Analysis of Functional Specifications, Analyzing, Coding and Unit Testing.
* Implementation using Agile Methodologies.
* Used Enterprise Library for DAL, Error Handling and Validation.
* Unit testing before deployment in environment.
* Database design and performance tuning.
* UI to display, success/failure processed files on user dashboard using Angular 2.0.

**Environnent :**C#, Windows Service, Oracle 11g, Web API, Angular 2.0, Typescript and bootstrap, HTML, XML, XSL

**MetaOption LLC, Jersey City, NJ Nov. 2012 – Dec. 2015**

**Role: Solution Architect**

**Client:** [**R. Hollenshead Auto Sales, Inc**](http://www.rhollensheadautosales.com) **Mar. 2015 –Dec. 2015**

**URL: https://www.rhollensheadautosales.com**

**Role: Sr. Software Engineer.**

**Project: Universal Condition Report**

**Description:**

This application is all about selling used car which is run on multiplatform e.g. device and web. Dealers use to publish car image with specification and model etc. Interested buyer can access UCR application on his device/desktop and able to see all specification using SVC report. SVC report displays the damages/dent/scratch using start mark and a popup display the description about damages.

**Responsibilities**

* Marked damages and its severity on the body/frame of a vehicle using SVG and Java script.
* Write Complex Stored Procedures, Trigger, Cursor using Oracle 11g
* Queries & Joins, and User Defined Functions using Oracle 11g database.
* Write java script to render those severity and damage on the page using database.
* Coordinate with client to gather requirement.
* Hosting application on IIS in live and sandbox environment.
* Created multiple Controllers, Models, View Models MVC and Filters in Web API solution.
* Worked on profile management.
* Involved in technical analysis, design, coding, code reviews, unit integration testing.
* Implemented code according to coding standards.
* Performed end-to-end load testing on the Web API with multiple clients.
* Worked with Functional/Technical, Designers and Testers team for delivering the requirements and achieving the functionality with quality of code.
* Review Analysis of Functional Specifications, analyzing, Coding and Unit Testing.
* Implemented using Agile Methodologies.
* Error Handling and logging.
* Unit testing before deployment in environment.
* Database design and performance tuning.

**Environnent : Web API,** SVG, C#, Oracle 11g, TFS, Angular 2, Typescript, Bootstrap, JSON, CSS3

**Project #1: Goods Order Inventory Pro**

**URL:** [**https://web1.goisllc.com**](https://web1.goisllc.com)

**Description:**

GOIS Pro is a inventory management system and cloud based application that runs on multiple platforms. A business owner chooses a paid subscription based on his requirement (e.g. 50 users, 5000 items, and 500 MB spaces on cloud). We allow him to setup multiple business units. User can manage dashboard, inventory, sales, procurement, customer, and vendor. Point of sale (POS) module facilitate with barcode scanning, advance search option and different type of reports. User can record data in both offline and online mode on device. Data recorded in offline mode can be synchronized with cloud server in online mode only. So, this is a smart and hassle-free application which is accepted by 50000+ satisfied business owner and been popular across the globe.

**Responsibilities:**

* Base framework and architecture design.
* Phase wise migration from Asp.Net to MVC and complete overhaul of the project.
* Device Integration with iOS and Android.
* Different design patterns including IOC using DI, Repository, Abstract Factory, and Singleton Patterns on requirement.
* Dynamically created native version SQLite using to download on mobile devices.
* Database design for modules and performance tuning.
* Created multiple Controllers, Models, View Models and Filters in MVC4.0, Web API solution.
* Created Data Access Layer, and Business Logic Layer Classes in Model using C #.
* Write SQL, Complex Stored Procedures, SQL Queries & Joins, and User Defined Functions in SQL Server database.
* Performed all Server-Side Validations with Data Annotations in Web API on Model using C#.
* Responsible for maintaining versions of source code using SVN.
* Used JIRA Project Management tool for bug tracking.
* Worked in agile methodology.
* Involved in technical analysis, design, coding, code reviews, unit integration testing.
* Implemented code according to coding standards.
* Performed end-to-end load testing on the Web API with multiple clients.
* POS module developed using Angular JS with barcode scanning.
* Worked with Functional/Technical, Designers and Testers team for delivering the requirements and achieving the functionality with quality of code.
* Interacting with the customers on a regular basis to know the requirements and to understand the business.
* Review Analysis of Functional Specifications, analyzing, Coding and Unit Testing.
* Implemented using Agile Methodologies.
* Error Handling and error logging.
* Hosting application on IIS in live and Sandbox environment.

**Environment:**Asp.net, Angular JS 1.x, Web API, C#, Entity Framework, SQLite, SQL Server 2012, SSRS,SSIS, Window Service(VB.Net), Kendo UI, TFS, XML, CSS3, Bootstrap, Barcode

**Project #2: Meta Marketplace Integration. - Utility tool**

**Role: Solution Architect**

**Description:**

A distributed utility tool to configure and mapping application with e-commerce like Amazon, eBay and Shopify. A user can subscribe on a cloud server and download package in his environment. After a small configuration, user can manage their business on different marketplace platform.

**Responsibilities:**

* Created multiple Controllers, Models, View and Filters in application.
* Write Complex Stored Procedures, Trigger, and Cursor using Oracle 10g.
* Queries & Joins, and User Defined Functions using Oracle 10g database.
* Created distributed architecture for application.
* Dynamic mapping of database fields to make application more generic.
* Configure Web API to return both XML and JSON on requirement.
* Market place integration for Shopify.
* Involved in technical analysis, design, coding, code reviews, unit integration testing.
* Implemented code according to coding standards.
* Performed end-to-end load testing on the Web API with multiple clients.
* Worked with Functional/Technical, Designers and Testers team for delivering the requirements and achieving the functionality with quality of code.
* Review Analysis of Functional Specifications, analyzing, Coding and Unit Testing.
* Implemented using Agile Methodologies.
* Error Handling and error logging.
* Writing windows service and REST.
* Used Entity Framework tool and lambda expressions.
* Database design and performance tuning.
* Hosting application on IIS in live and another environment.
* Technical assistance to team members.
* Used Proof Hub to maintain project status.

**Environment:** Angular, Bootstrap, HTML, Web API, C#, Oracle 10g, Design Patterns, Windows service, SVN

**Project #3: Centralized Customer Management**

**URL:** [**www.metaoptionccm.com**](file:///Z:\Vinay%2520Bhardwaj\OwnDoc\www.metaoptionccm.com)

**Role: Team Lead**

This application is intranet based application helps maintaining subscription, case, invoicing and payment for those customers who have taken a subscription from MetaOption products like GOIS Pro, ALMS, and SCMS. People in support can login to CCM and can process failed invoice. They can upgrade, stop and resume any subscription. In case of success/failed payment subscriber get automated notification and same copy deliver to support team as well.

**Responsibilities:**

* Coordinate with business team and analyze business requirement.
* Created windows service to calculate consumed space on cloud server.
* Phase wise migration from Asp.Net to MVC and complete overhaul of the project.
* Database design and performance tuning.
* Worked on billing and notification module
* Implemented Authorized.Net payment getaway.
* Hosting application in live and another environment.
* Technical help and task allocation to team.
* Created UI using HTML and Controllers, Models,
* Worked on profile management.
* Worked on WCF service which is consumed by both mobile devices.
* Created class library for device push notification for mobile devices.
* Worked on creating dynamic and generic email template design.

**Environment:** Asp.Net, (Visual Studio 2012), Angular JS 1.x, WCF REST service, C#, Entity Framework, SQL Server 2008, IIS, SSRS

**Project #4: Insurance Integration**

**URL:** [**https://www.easypolicy.com**](https://www.easypolicy.com)

**Role: Sr. .Net Developer**

**Location: Noida, India**

***There is B2B and B2C version of application and*** distributed in several modules, like health, term, bike, car, investment. Application is operating on device like Android where user can go and ***search*** any ***type of policy within single umbrella. It allows to compare policy with different insurer. User been asked to fill required info after selecting an appropriate quote, and policy generated can be downloaded instantly after making online payment.***

**Responsibilities:**

* Coordinate with business team and analyse business requirement
* Phase wise migration from Asp.Net to Angular JS and complete overhaul of the project.
* Design Architecture & Design Pattern
* Write Complex Stored Procedures, Trigger, Cursor using Oracle 10g
* Queries & Joins, and User Defined Functions using Oracle 10g database.
* Created windows service to populate data from insurer for offline processing.
* Database design and performance tuning.
* Hosting application in live and another environment.
* Technical help and task allocation to team.
* Worked on profile management.
* Worked on Web API which is consumed by both mobile devices and web application.
* Created class library for device push notification for mobile devices.
* Worked on creating dynamic and generic email template design.

**Environment:** Angular JS 1.x, Bootstrap, CSS, Web API, C#, Entity Framework, Oracle 10g, Jenkins, Fiddler, Windows Service, IIS, SVN

**Contata Solutions P. Ltd. INDIA Oct. 2010 – Jul. 2012**

**Role: System Analyst**

**Project: Base Framework for Contata Solutions**

**Description:**

The base framework has been designed to limit the development effort and time of a .net web application. Framework is divided into three layers, Data Access Object (with entity framework), Business Controller and Presentation Layer. Some basic features which is very common in any web application like user login, create user profile, create roles, assign roles to user, dynamic menu and breadcrumb, CSV file upload, email notification, dynamic email template, exception handling has already been integrated. A new development starts with just adding pages, controller and DAO class in related folders, this saves up to 30-40 percent of development time.

**Responsibilities**

* For enhance look and feel, worked on user interface using Telerik Controls e.g. grid, dropdown. Reach text box controls.
* Created Data Access Layer, and Business Logic Layer Classes using C#.
* Write T-SQL, Complex Stored Procedures, SQL Queries & Joins, and User Defined Functions in SQL Server database.
* Performed all client side and server-side validations using.
* Involved in technical analysis, design, coding, code reviews, unit integration testing.
* Implemented code according to coding standards.
* Performed end-to-end load testing.
* Worked with Functional/Technical, Designers and Testers team for delivering the requirements and achieving the functionality with quality of code.
* Implemented using Agile Methodologies.
* Used Enterprise Library for DAL, Error Handling and Validations.
* Write unit test for the application.

**Environnent :** ASP.Net (Visual Studio 2010),WCF Service, C#, Entity Framework, SQL Server 2008, ADO.Net, Telerik Controls.

**Project: MIMS and Attendance Tracking System**

**Role: System Analyst**

Web Application developed to track in/out time of employee. In case of attendance discrepancy, it uses to schedule mail automatically. User can login and apply leave and track his/her in/out time. Manager can approve or reject the leave applied by their team member, a status mail sent automatically for each apply/approve/reject. HR Personal can track employee details. Work from home page allows users to apply for work from home approval. HR can view absent/present reports, working hours report, in/out reports, special time out report. Carrier development planning and Key responsibility area module has been designed where user can put their goal and objective, and his manager can assign task and key responsibility area for the goals and can write remarks and give rating on the basis of his work performance.

**Responsibilities**

* Worked on user interface using Telerik Controls e.g. grid, dropdown. Reach text box controls.
* Coding, and writing unit test.
* Created Crystal Reports.
* Base framework and architecture design.
* Created Data Access Layer, and Business Logic Layer Classes in Model using C #.
* Write Stored Procedures, SQL Queries & Joins, and User Defined Functions in SQL Server database.
* Responsible for maintaining versions of source code using SVN.
* Used JIRA Project Management tool used.
* Involved in technical analysis, design, coding, code reviews, unit integration testing.
* Implemented code according to coding standards.
* Worked with Functional/Technical, Designers and Testers team for delivering the requirements and achieving the functionality with quality of code.
* Review Analysis of Functional Specifications, analyzing, Coding and Unit Testing.
* Implementation using Agile Methodologies.
* Used Enterprise Library for DAL.
* Error handling and error logging.

**Environnent :** ASP.Net, Visual Studio 2010, WCF Service, C#, SQL Server 2008, Telerik Controls.

**Client: ITSL Technology (P). Ltd. Jun. 2009 – Oct. 2010**

**Role: Web Developer**

**Project #1: CMS for Uttam Sugar**

**Description:**

The web application has been designed to meet all the fundamental goals of the cane management system. There are five modules in this project. Modules are as follows: Survey, Cane Purchase, Calendaring, Laboratory, Loan and Payments, these modules manage all the resource of the Uttam Sugar (P) Ltd, Noida (UP).

**Responsibilities**

* Coding, writing unit test for the application.
* Hosting application in live and another environment.
* Created Data Access Layer, and Business Logic Layer Classes in Model using C #.
* Write Stored Procedures, Queries & Joins, and User Defined Functions.
* Responsible for maintaining versions of source code using SVN.
* Used JIRA Project Management tool for bug tracking.

**Environnent :** ASP.Net, C#, WCF Service, Oracle 10g, Crystal Report, SVN.

**Project #2: Rudra POS (Point of Sale)**

**Role: Application Developer**

The application has been designed to control the manual work and automate the work process. Modules are as follows: Inventory, Finance, Sale, Purchase, Stock Arrival, and Stock transfer/receive from Branch to Branch. User Administration,

**Responsibilities**

* Write SQL, Complex Stored Procedures, SQL Queries & Joins, and User Defined Functions in SQL Server database.
* Worked on WCF service (SOAP).
* Crated data business layer and data layer using ADO.Net.
* Worked and created dynamic and generic email template design.
* Write unit test for the application.
* Form design using WPF, writing stored procedures, Created Crystal Reports.

**Environnent :** WPF, MVVM, VB.Net (Visual Studio 2008), WCF Services, ADO.Net, SQL Server 2005.

**CompuRx InfoTech Pvt. Ltd Feb. 2007 – May. 2009**

**Role: Jr. Programmer**

**Project #1: Dhanvantri+ (Hospital and Patient Management System)**

**Description:**

The ERP has been designed to meet all the fundamental goals of the Hospital Management System. There are seven modules in this project. Modules are as follows: OPD, IPD, Blood Bank, Laboratory, Pharmacy, Linen & Laundry and Payroll. These modules separately manage all the resource of the Hospital. Further all modules could be integrated into a single application.

**Responsibilities**

* Created UI using Win Forms.
* Crated data business layer and data layer using ADO.Net.
* Worked on Laboratory and OPD.
* Worked on pharmacy and billing modules.
* Designing, coding, unit testing, crystal reports.
* Worked in user registration and profile creation module.
* Maintained code using SVN.
* Worked on third party’s user controls Ultra Infragistics.

**Environnent :** VB.Net, SQL Server 2005, Win Form, ADO.Net, Ultra Infragistics, VSS, Crystal Reports.

**Project #2: Portal for CompuRx Infotech.**

**URL:** [**www.compurxinfotech.com**](file:///Z:\Vinay%2520Bhardwaj\OwnDoc\www.compurxinfotech.com)

**Role: Jr. Programmer**

The project is aimed to advertise the organization globally.

Various links like Services, Management, Company news, Career. These links focus various Activity of the organization a user can create an ID and upload his/her CV to apply online against any recruitment posted on the web site.

**Responsibilities**

* Designing, coding, unit testing, crystal reports.
* Crated data business layer and data layer using ADO.Net.
* Involved in technical analysis, design, coding, code reviews, unit integration testing.
* Implemented code according to coding standards.
* Used Enterprise Library for DAL.
* Error handling and error logging.
* Worked in user registration and profile creation module.
* Maintained code using SVN.

**Environnent :** VB.Net, ASP.Net, ADO.Net, SQL Server 2005, VSS.