**Varun Kumar**

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**Professional Summary**

* **8+ years** of programming experience crossing in both Windows and Web-based Microsoft technologies. Proficient in **C#, WPF, WinForms, ASP.NET, ASP.Net MVC, WCF, AJAX, Silverlight** with an experience in .**NET Framework** and **SQL Server** with emphasis on object-oriented programming.
* Strong in the complete **Software Development Life Cycle (SDLC**) including requirements definition, design, programming / testing and implementation of major systems.
* Developed and Designed **Web Application** using **MVC design pattern, Web Forms,** User Control, Derived Control and Custom Control as **Validation Controls, Navigation controls, Data toolbox controls** using **ADO.NET & ASP.NET with C# codes behind classes, Validated** these pages using **JavaScript,** under **Visual Studio. NET environment.**
* Developed Solutions for **Diverse Programming Scenarios in C#, Object Oriented Analysis (OOA), Object Oriented Design (OOD)**, and **Object Oriented Programming (OOP)** Concepts as Encapsulation, Inheritance, **Polymorphism**, Abstraction, **Multithreading** and Modularity to maximize the advantage of code reuse.
* Rich Experience working with **ADO.NET** objects as **Data Reader, Dataset and Data Adapter** for consistent access to **SQL**&**Oracle** data sources.
* Extensive Experience in **Language Integrated Query** as **LINQ to Object**, **LINQ to SQL**, **LINQ to XML**, **Entity Framework, ODBC, OLEDB, Microsoft SQL Server** and **Oracle.**
* Strong Exposure in **MVC Web Applications** as Validation using **Data Annotation, Model-View-Controller (MVC), Razor** syntax, Layout, Partial view, **Unit Test**& Third-party Authentication.
* Extensively applied the advantage of separation of concern &**Repository design pattern** for model data and in-depth knowledge of **.NET Framework**, **Common Language Runtime (CLR)**, **Garbage Collection (GC), Common Type System (CTS)**.
* Utilized the framework concept to develop **Web Form application, Windows Form application** and **MVC Web application.**
* Developed Front-end for **ASP.NET Web applications**, using **HTML5/HTML, JavaScript, JQuery, Master Pages, CSS3** and **CSS.**
* Strong Exposure in several **DESIGN PATTERNS** such as **Singleton, Factory** and **ASP.NET MVC**. Developed highly decoupled application using **Facade**, **Factory**, and **Observer patterns**
* Fluency in creating applications using **.NET Framework 1.1/ 2.0/ 3.0/ 3.5/ 4.0/ 4.5, PRISM, NHibernate, JQUERY, Bootstrap, JavaScript, Angular JS, AJAX, MVC 5, ASP.NET, C#.NET, VB.NET, ADO.NET, HTML 4/5, XSL, XSLT, XPATH, XML, CSS2.1/3, IIS 6.0, LINQ TO SQL, LINQ TO XML**.
* Extensive experience in handling **Internet Information Server (IIS)**, Creating and configuring the virtual directories, map them to physical folders and configuration of the applications for domain authentication, **Data Transformation Services (DTS)** in SQL Server.
* Experience in design and implementation of services using **WCF SOAP\REST**, creating **REST** services using **ASP .NET Web API.**
* Working experience on the source control software packages like Microsoft Visual Source Safe (**VSS**), Team foundation Server (**TFS**) and Tortoise **SVN**.
* A highly motivated individual who is always learning, able to work to tight deadlines, and who can communicate effectively with technical peers as well as business users.

**Tools & Technologies:**

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| **Microsoft Technologies** | .NET Framework 4.5/4.0/3.5/3.0/2.0/1.x, ADO.NET, LINQ, ADO.NET, Entity Framework WPF, WCF, WWF, COM,N-hibernate |
| **Languages** | C#, ASP.NET, VB.NET |
| **Frameworks** | .NET MVC 4/5, MVVM, JS, JavaScript, Angular JS, Bootstrap |
| **Web Development Technologies** | ASP.NET, Web Services, Web Forms, Win Forms, AJAX, AJAX Toolkit HTML5/HTML, CSS3/CSS, DHTML, XML, XAML Enterprise Library, XPATH, XSD, JavaScript, JQuery, XHTML, CSS3,CSS5,SOAP,Web API, REST, Session bag, Expression Trees, Extension Methods, Impersonation, Auto Mappers, IOC, Visual Source Safe (VSS), Generic Repository pattern |
| **Database Technologies** | MS SQL Server, MS Access, Oracle, MySQL, MS Access |
| **Microsoft Software** | Visual Studio.NET |
| **Reporting & ETL Integration Tools** | Crystal Reports, SQL Server Reporting Services (SSRS), SQL Server Integration Services (SSIS) |
| **Operating System** | Windows 2008/2007/2003/2000/NT/XP/Vista/98 |
| **Version Control** | VSS, Team Foundation Server (TFS), Cruise control, SVN |
| **Application Server** | IIS 7/6/5 |
| **Design Pattern** | MVC, MVP, MVVM |
| **SDLC Methodologies** | AGILE, SCRUM, RUP, Waterfall, UML |
| **OLTP, OLAP, Other Skills** | MS SSMS, SSIS, SSRS, SQL Server Analysis Services (SSAS) |
| **Testing Framework & Tools** | JIRA, MS Test Manager, SoapUI |

**Projects:**

**Lowe’s, Charlotte, NC March '2017 - Till Date**

**Sr. .Net Developer**

**Responsibilities:**

* Implemented **View Model concepts** in **Model-View-Control (MVC5)** software architecture in **Web Applications** to develop new objects from the retrieving data collections for better separation concern.
* Designed and Developed user interfaces using **ASP.NET Web forms, Visual C#** and interacted with Bas for resolving functional issues. **C#** for code using Partial classes, Abstract classes, Delegate methods & developed user controls for the binding of data's in Master pages.
* Achieved both Server-Side and Client-Side Validation using **Data Annotations, C#.NET , HTML5/HTML**  helper, **CSS3/CSS, Master Pages, JavaScript, JQuery**, Web Parts and Data controls, which are used for the entire site giving the site a dynamic look.
* Developed presentation-tier **ASP.NET** pages in **C#, HTML** using techniques such as Data Grid control, Validation Control, session state management.
* Implemented **Forms Based Authentication, ASP.NET Validation Controls** used for user validation, User state through User Session & Application Page objects, deferred session state was built to store & retrieve session information of users, data retrieval using **ADO.NET.**
* Created and deployed **XML Web Services (WCF)** using **C#**, used them to generate the proxy class files based on the Web Services and consumed in Web application.
* Created and maintained **SSIS** packages to **Import/Export data** from **Flat files, XML, Excel** and Oracle. Extracted Transformed and Loaded data from different sources to Data warehouse using **SSIS** and created **ad-hoc reports** using **SSRS**.
* Developed highly decoupled application using **Model View Presenter**, **Factory, & Observer patterns**. **Business Logic & Data Access layers** communicated via interfaces.
* Entities class as the model layer in **MVP**. Transported data across layers using these entities class & in application release & responsible for defect free migration in various environments.
* Used **LINQ to Entities, LINQ to SQL, LINQ to XML** and **LINQ to Objects** for retrieving the data proficiently. Used LINQ to manipulate and fetch the data from database. Utilized **WPF**&**LINQto SQLFrameworks** to write quality code in business tiers.
* Used **Team Foundation Server (TFS**) for project repository and versioning control, and source code along with the maintenance of the builds and the relevant documents of the same.

**Environment:**.NET Framework 4.0, Visual Studio 2012, ASP.NET MVC5, AJAX, C#.NET, WCF, SOAP, Web API/ Web Services, MS SQL Server 2012, SSMS, SQL, TSQL, TFS, LINQ To SQL, SoapUI, IIS7.5/7.0, SSRS, SSIS, Team Foundation Server2012 (TFS)

**Deutsche Bank - Jersey City, NJ March '2016 - Feb ‘2017**

**Sr. .Net Developer**

**Responsibilities:**

* Designed the complete solution using **N-tier** Architecture model and design patterns mainly Abstract Factory and **Singleton**.
* Worked on **Agile** Methodology to practice-based methodology for modeling and documentation of software-based systems.
* Developed the business components Class, **ASP.NET** web services using **C#, SOAP** to encapsulate business logic components to be used in distributed environment.
* Configured **Windows Communication Foundation (WCF)** service to authenticate clients with Windows credentials for intranet applications for login validations.
* Used ASP.NET Page lifecycle Techniques and handle a control's initialization, instantiating controls, restoring and maintaining state, running event handler code, and rendering.
* Developed Web forms for User Interfaces using ASP.NET and C#.NET using **Server controls, HTML controls** and **User controls**.
* Used C#.NET and PL/SQL Procedures in-order to access the oracle database for the front-end presentation.
* Implemented **ORM** mapping between C# & Oracle using **N-Hibernate**.
* Implemented features of **ASP.NET AJAX** such as Calendar Controls, Repeater Control, and Validation controls, Dataset, Security using forms authentication.
* Created data access layer to communicate with the **SQL Server Database** using N-Hibernate.
* Developed the necessary Stored Procedures.
* Created Complex Views using joins for robust and fast retrieval of data in SQL Server using **T-SQL**.
* Created Unit tests using NUnit Framework and Experienced in creating complicated SQL queries.
* Created batch processes for processing end of day files.
* Used **Tortoise SVN** for Source Control.

**Environment:** C# .NET, ASP.NET, ADO.NET, Microsoft Visual Studio 2010, AJAX, PL/SQL, Oracle 10g, Hibernate, WCF, LINQ, NANT, SQL Server 2008 R2, XML, XSLT, XPATH, CSS, NUnit.

**Walmart, Bentonville, AR Feb '2015 - Feb ‘2016**

**.Net Developer**

**Responsibilities:**

* Gathering the requirements for building the application.
* Prepare high level and detailed design documents.
* Prepare **Use Cases** and **Test Cases.**
* Developed the application using C#.net, MVC, Angular JS, SQL Server technologies.
* Developed Classes, interfaces for the Data Access layer using **C#** and Entity Framework.
* Used **JQuery** for browser compatibility and telerik controls for rich **UI** functionality.
* Meeting with **QA** for bugs/enhancements in modules.
* Actively participate in database design meetings.
* Maintaining **Audit Log** using **Sql Server R2** Change Tracking System.
* Developed **XML** and Collection parser using **LINQ.**
* Writing **WCF** Services to interact with Business Components.
* Actively participate in code reviews.
* Actively involved in new **R&D** work as and when required.
* Handled the **TFS branching & merging.**
* Created **TFS** team builds for the application.
* Automated the deployment of application on lower and higher environments.
* Involved in release and deployment of the application.
* Team Co-Ordination with **offshore folks.**
* Prepared Technical document for future development reference.
* Used **TFS** for Version Control.

**Environment:** Visual Studio 2010,C#, ASP.Net, .NET Framework 3.5, SQL Server 2008 and 2012, Entity Framework, WCF, LINQ, MVC Pattern, Web Forms, Web Parts, JQuery, XML, TFS 2010, Windows 7/2008.

**National Payments Corporation of Mumbai, India Jan '2012 - Sep ‘2014**

**.Net Developer**

**Responsibilities:**

* Created ASP.NET pages with web server controls for the presentation layer.
* Implemented validation using validation controls, JQuery and JavaScript client side validations.
* Developed web applications using ASP.NET and AJAX Extensions under MVC architecture.
* Created WinForms and Web Forms for developing the applications using winControls, webserver controls and HTML controls.
* Using Entity Framework, connected to relational data by writing LINQ to SQL queries.
* Involved in all the phases of the Software Development Life Cycle including System Analysis, Design and Development.
* Implemented Page level security and permissions based on the authentication details.
* Developed administrative functions such as assigning property viewing permissions and adding system users.
* Written Web Service for Messaging module passing user data from Manager to Sales Team and vice versa using C#.Net.
* Designed reports and written some dynamic calculations for reports using SQL Server Reporting Services.
* Data Formatting was done using HTML, CSS and client side scripting using JQuery.
* Involved in the development of business logic in C#. NET.
* Created web custom controls and web user controls where necessary.
* Created and consumed WCF Services using C#, ADO.NET and SQL Server
* Resolved issues in other applications that are used VB.NET.
* Working with Team Foundation Server as the source for version control and project / issue management.

**Environment:** ASP.NET, C#, ADO.NET, Visual Studio.NET 2008, T- SQL, XML, SQL Server 2005,Oracle 10i, .NET Framework 3.5, WCF, WPF,AJAX Control Toolkit, TFS, Infragistics, NHibernate, SQL Server 2005 HTML, XML, Web Services.

**Easylink, Chennai, India Aug'2009 - Dec '2011**

**.Net Developer**

**Responsibilities:**

* Involved in discussions with users/managers to gather necessary requirements.
* Designed and developed Asset Allocation module
* Developed online financial reports using Active PDF
* Designed and developed various dynamic financial charts and images using Chart FX
* Developed Web Services that is used to download Client data from the Advisory firms on daily basis
* Developed services using XML and XPath.
* Involved in Requirements Gathering, Development and Testing of the application.
* Developed reusable and optimized .NET components using C#.
* Written some client side script using JavaScript.
* Involved in Studying of existing database design and implementing required enhancements.
* Implemented AJAX in many web pages.
* Identified and created indexes to fetch the data efficiently and wrote stored procedures to update and retrieve data effectively in SQL Server.
* Involved in Unit & Integration testing of the application.
* Used VSS to maintain the version and source control.
* Involved in Documentation of the project

**Environment:** ASP.NET 2.0, 3.0 C#, XML, SOAP, Java Script, DHTML, Crystal Reports, and MS SQL Server 2000