**Krishna**

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**Professional Summary**

* **5+ 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.
* Experience in object oriented design **(OOD)** and **Agile Software development** process using **SCRUM**.
* 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 **Observerpatterns**
* 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 **TortoiseSVN**.
* 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 |

**Projects:**

**.Net Developer Jan 2016 - Present**

**American Airlines, Dallas, TX**

**Description**: American Airlines Inc. is a major U.S. airline headquartered in Fort Worth, Texas. It operates an extensive international and domestic network, with scheduled flights throughout North America, the Caribbean, South America, Europe, and Asia. Its route network centers around five "cornerstone" hubs are in Dallas/Fort Worth, New York, Los Angeles, Miami, and Chicago.

**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.
* Implemented **CRUD** functionality with **Entity framework** in **ASP.NET MVC 5.0** and implemented sorting, filtering and paging with **Entity framework in MVC**.
* Used **ASP.NET MVC** framework to support the use of **Dependency Injection to inject objects** into a class, instead of relying on the class to create the object itself.
* Developed presentation-tier **ASP.NET** pages in **C#, HTML, JavaScript, JQuery, Ajax**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.**
* Implemented **RESTfulWEB API** Services for **CRUD** operations with **HTTP** verbs **GET, POST, PUT** and **DELETE**.
* Used LINQ to manipulate and fetch the data from database. Utilized **LINQto SQLFrameworks** to write quality code in business tiers.
* Involved in development and maintaining applications in **Oracle** using **SQL, PL/SQL** on windows environment.
* Created and deployed **XML Web Services** using **C#**, used them to generate the proxy class files based on the Web Services and consumed in Web application.
* Development was done using **agile methodology** with daily scrums, paired programming using **TDD** and continuous integration using the **SDLC process**.
* 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 4.5, Visual Studio 2012, ASP.NET MVC5, AJAX, C#.NET, WCF, SOAP, Web API/ Web Services, MS SQL Server 2012, Oracle, SQL, TSQL, TFS, LINQ To SQL, IIS 5.0/7.0

**.Net Full Stack Developer May 2015 - Dec 2015**

**Department of Transportation, Richmond, VA**

**Description:**The Virginia Department of Transportation is the State of Virginia governmental organization responsible for state transportation infrastructure. This project includes ongoing operations and maintenance as well as planning for future needs of the state and its citizens. It’s responsible for overseeing the disbursement of federal, state, and grant funding for the transportation programs of the state.

**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#, REST** to encapsulate business logic components to be used in distributed environment.
* Creating **Angular JS** controllers, directives, models for different modules of the application.
* Used **ASP.NET** Page lifecycle Techniques and handle a control's initialization, instantiating controls, restoring and maintaining state, running event handler code, and rendering.
* Extensively worked on design of **Responsive User Interface**using **CSS, Razor, AJAX, Java Script, JQuery** and **Bootstrap**.
* Developed Web forms for User Interfaces using **ASP.NET** and **C#.NET** using **Server controls, HTML controls** and **User controls**.
* Used **Http Response Exception** to handle the exceptions in **Restful Web API** and also customized the Exceptions using Exception Filters and registered them at the Action Level.
* 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.
* Used **Entity Framework, Data Sets,** and **Data Readers** for retrieving, querying, and storage.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 **Git** for Source Control.

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

**.Net Developer Aug 2012 – Jul 2014**

**Philips Healthcare, India**

**Description:**Phillips HealthCare is mainly a Health, medical equipment’s manufacture and Life Insurance Company. The company's goal is to provide value added investment opportunities through sophisticated asset and investment management programs. It uses web services for utilities like for verifying customer's address, credit history, credit card payments. Customer Flow (CF). It is an Intranet application, which is mainly designed to process and coordinate policies. This application helps the employees to process and maintain policy details.

**Responsibilities:**

* Involved in all the phases of the Software Development Life Cycle including System Analysis, Design and Development.
* Used **MVC pattern** hinges on a clean separation of objects into one of three categories - **Models, Views** and **Controllers**.
* Created **WinForms** and **Web Forms** for developing the applications using **win Controls**, **webserver controls** and **HTML** controls.
* 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.
* Developed and consumed **WCF Web Services** to achieve **Service Oriented Architecture (SOA)** and communication between heterogeneous applications.
* Coded business logic and functionality using **C#** features like **Generics, Iterators, LINQ toObjects, LINQto Xml, Extension methods, Anonymous Types, Partial classes**.
* Using Entity Framework, connected to relational data by writing **LINQ to SQL** queries.
* Implemented **Page level security** and **Permissions** based on the authentication details.
* Developed administrative functions such as assigning property viewing permissions and adding system users.
* 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 **JavaScript, 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.**
* Created web custom controls and web user controls where necessary.Performed **Test Driven Development (TDD).**
* 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, .NET Framework, WCF,AJAX Control Toolkit, TFS, NHibernate, HTML, XML, Web Services.

**.Net Developer Jun 2010 - Jul 2012**

**Avon Technologies, INDIA**

**Description:** Net Asset Management brings state-of-the-art software technology to financial institutions and their Advisors. Various products offered by the company allow institutions, such as advisory firms, insurance companies, broker-dealers and banks to private label their web-based platform to provide separate account and mutual fund wrap programs to advisors. It also automates the fee-based advisory business and integrates sophisticated financial planning products and services.

**Responsibilities:**

* Involved in discussions with users/managers to gather necessary requirements and developed Asset Allocation module.
* Used **AGILE** Methodologies for regular adaption to changing requirements and Continuous delivery of useful and working application.
* Develop middleware Objects using **Classes, Partial Classes, Static Classes** and **OOP** concepts such as **inheritance, abstract classes** and **polymorphism.**
* Used **SQLData adapter objects**, **Dataset**, **Data Table objects** for manipulating data in the **SQLData source** using **ADO .NET**
* Used **ADO.NET Entity Framework** for data retrieving, querying, storage and manipulation using **SQL Server.**
* Utilized **ASP.NET** Input **Validation controls** and **JavaScript** to perform client side validation. Used **Session Objects** to take care of the user sessions.
* Involved in writing/modifying **Stored Procedures** and creating Tables, Views in **SQL Server** database.
* Used **AJAX** Library, **CSS, JavaScript** and various web controls to present data to users in a much comfortable environment.
* Designed and developed various dynamic financial charts and images using **Chart FX**, developed online financial reports using **Active PDF**
* Developed Web Services that is used to download Client data from the Advisory firms on daily basis using **XML** and **XPath.**
* Developed reusable and optimized **.NET** components using **C#** andwritten some client side script using **JavaScript.**
* Used **TFS (Team Foundation Server)** for Source Code Control, project related document sharing and team collaboration.
* Performed unit testing, prepared documentation, Debugged and fixed the errors before submitting modules to QA.

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