Ajit Kumar

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### PROFESSIONAL SUMMARY:

* 7 years of experience in developing .NET, Web Based Applications, Windows Applications using C#,ASP.NET MVC 5.0, WinForms, HTML 5, CSS, Bootstrap, Angular JS, Angular, jQuery, SOAP, Restful services, SQL server.
* Extensive experience in .NET applications based on Object Oriented Programming (OOPS), Web based, Client/Server, n-tier and Service Oriented Architecture (SOA).
* Experience in Agile software development methodology and Test-driven development (TDD) including SCRUM methodology.
* Exceptional working knowledge in all phases of SDLC (Software Development Life Cycle), participated in Analysis, Design, Implementation, Testing and Deployment of multiple project implementations.
* Experience in developing User Interface using Win Forms, AJAX Toolkit, CSS, HTML and jQuery, Angular JS, Angular 5.
* Experience with Client-Side Frameworks jQuery /Angular JS and used AJAX for the Asynchronous data transfer between the client and the server for creative and interactive web applications, mainly focused on performance improvement.
* Developed ASP.NET MVC 5.0/4.0 applications using Code First Approach in Entity Framework 6.0 and UI in Razor View Engine and also have experience with the MVC Architecture.
* Experience with ORM and its related components: Entity Framework 7.0/6.0, Language-Integrated Query (LINQ) queries and retrieve data from different data sources (LINQ to Objects, LINQ to XML, and LINQ to SQL), ASP.NET Providers and Typed Datasets.
* Experience with databases like **SQL Server** and **MySQL.**
* Working experience in data modeling and implementing tables, views, stored procedures, functions, and Triggers using T-SQL and PL/SQL. Extensive knowledge of writing complex queries using SQL.
* Hands on experience with SQL Server Reporting Services (SSRS), SQL Server Integrating System (SSIS) using SQL 2008/2005.
* Experience in using Unit Test Frameworks (**NUnit** and **MS Test**) and Performed **Test Driven Development (TDD).**
* Experience in using **Web API (Restful services)** and **N-Hibernation** to fetch data and bind it to UI using **AngularJS** as a View Model.
* Experience in writing automated Test Scripts using Telerik Test Studio.

## TECHNICAL EXPERTISE:

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| --- | --- |
| **Programming Languages:** | C, C++, C#.Net (4.5/4.0/3.5), VB.NET (10.0), T- SQL, PL/SQL. |
| **Web Technologies**: | ASP.NET 4.5/4.0/3.5, ASP.NET MVC 5.0/4.0, Ajax, JavaScript, jQuery, Angular JS, Angular, WEB API, REST/RESTFUL, HTML, CSS, BOOTSTRAP. |
| **IDE Tools**: | Visual Studio2017/2015/2012/2010, SQL Server Management Studio, Visual Studio Code. |
| **.Net Framework**: | .Net Framework 4.5/4.0/3.5. |
| **Databases**: | MS SQL SERVER 2012/2008, MS Access 2010/2007, Oracle 10g. |
| **Reporting Tools**: | Crystal Reports Telerik Reporting. |
| **Version Control Tools:** | Subversion, TFS. |
| **Middleware:** | WCF, MSMQ, Entity Framework, Web Services |
| **Others:** | Windows 2008 R2/2008, XP, Vista, Windows 7, 8, 10. Linux, UNIX. Windows Server 2012/2008/NT, Microsoft IIS (7.0/6.0/5.0/4.0).UML, MS Visio |

## EDUCATION:

* Bachelor’s Degree in Computer Science & Engineering.
* Master’s in Computer and Information Systems.

## WORK EXPERIENCE:

**BMW Financial Services, Hilliard, Ohio.       Jul 2018 -Present**

**Sr.Net Developer**

**DFE**

**Description: BMW Financial Services NA, LLC** offers customers a variety of flexible lease and retail financing options to suit their needs for new or pre-owned BMW cars, motorcycles or SUV's. **DFE (Dealer Front End)** is a BMW Financial services Web application, used by the BMW Dealers to initiate a Deal Inquiry, then perform Credit application processing, followed by Contract application processing, Funding Approval, then perform deal booking and finally move the booked deal into an account.

**Responsibilities:**

* Worked on Functional analysis to create the architectural flow for the tasks to be done by the team.
* Worked closely with Architects, Technical lead to resolve the performance issues.
* Worked on Angular 5 application, created directives, components and routings.
* Created Angular services which invokes the Web API Controller to connect to WCF services.
* Worked with Angular lead to resolve issues with AOT compilation.
* Designed, supported, and updated MS SQL database SSRS system and tables, SQL stored procedures and indices for new developed and existing programs.
* Create batch files and **power shell** scripts for file transfer and App pool creation
* Assisting in transferring databases, including Temp DB, to new servers using TSQL scripts
* Used IOC (Inversion of Control) Pattern and created WCF services by injecting dependencies in to components.
* Created Integration and Unit tests for the WCF services created.
* Worked on SiteMinder for User access management.

**Environment:** Microsoft Visual Studio2017, C#, ASP.Net 4.5, jQuery, AJAX, Entity Framework 6.0, XML, HTML, Bootstrap, Angular 5

**BMW Financial Services, Hilliard, Ohio.      Feb 2018 -Jul 2018**

**Sr.Net Developer**

**RITA CCM**

**Description: RITA CCM** deals with the Account, Invoicing, customer services and ideal Retail Financial Solutions for Dealers and Customers. The Regional IT Alignment (RITA) Program encompasses the four SF2 Markets in the Americas region – United States (US), Canada (CA), Mexico (MX), and Brazil (BR). DFE (Dealer Front End) provides the user-friendly interface for creating new leases and loan contracts for the BMW Vehicles. CMS (Contract Management System) provides the customer services like Contract Management, Bill plans and Amortization Schedules for lease and loan contracts and accounting is handled by SAP.

**Responsibilities:**

* Worked in Agile environment to deliver quality product in three weeks sprint iteration, involved in sprint planning, Estimations, Retrospective, Grooming sessions.
* Worked closely with Product Owner, Business Analyst and Technical lead to meet the acceptance criteria for user stories.
* Worked on Single Page Application and Implemented Client-side validations using **AngularJS**.
* Leveraged **AngularJS** for page scripting, **AJAX** calls and **JSON** for passing objects from Controller to View and vice versa.
* Developed and consumed **WCF Web Services** to access data layer components, LINQ was extensively used in the application.
* Created Stored Procedures, Triggers, and Functions, Indexes, Views, Joins and T-SQL code for applications.
* Implemented IOC (Inversion of Control) Pattern by injecting dependencies in to components.
* Developed REST APIs that allow sophisticated, effective and low-cost application integration and multi-tier web applications with the use of Web Services using ASP.Net Web API.
* Created Integration tests and unit tests using Rhino Mocks framework.
* Working Knowledge on Angular 2 concepts like **Data Binding, Pipes, Routes.**
* Worked on BizTalk orchestrations.

**Environment:** Microsoft Visual Studio2017, C#, ASP.Net 4.5, jQuery, AJAX, Entity Framework 6.0, XML, HTML, Bootstrap, Angular JS, BizTalk, SAP

**Department of Children and Families, State of Florida, Tallahassee, Florida. Mar 2016 – Dec 2017**

**Sr.Net Developer**

**CARES**

**Description: “CARES** "Childcare Administration, Regulation and Enforcement System" Web Portal, helps the Florida Department of Children and Families counselors and supervisors to effectively do their job, by helping them to maintain details about [providers](https://jaxtec.sharepoint.com/sites/DCF/KBWiki/Pages/Provider.aspx) and [Person](https://jaxtec.sharepoint.com/sites/DCF/KBWiki/Pages/Person.aspx)nel who are related to the child care provider (staff, household members etc.).

**Responsibilities:**

* Implemented OOPs concept to properly structure, secure and minimize codes.
* Implemented the AGILE software development process, using SCRUM methodology.
* Migrated Asp.Net web forms application to Asp.Net MVC application.
* Responsible for designing the ASP.NET application authentication using .NET Framework, Model View Controller MVC and IIS security model.
* Responsible for Designing and Developing the Reusable UI Components Like MVC Master Pages “Layouts and Nested Layouts”, “View Start” and MVC User Controls “Partial Views”.
* Actively involved in coding and designing using C#, JavaScript, HTML5, and Cascading style sheets (CSS3).
* 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.
* Used JSON to transmit data between Server and Web Application, an alternative to XML Serialization
* Used jQuery for Client-Side Validations, Calling the Controller Actions, and Making calls to the WCF Services.
* Performed complex parameterized SQL queries to multiple tables in SQL server 2012 and implemented Joins in Stored Procedures to get the desired data by joining multiple tables in Domain layer.
* Created Test Scripts using Telerik Test Studio.
* Worked on a prototype application using Angular 2 and used various concepts of**Angular2** like **Services, Data Binding, Pipes, Routes and Custom Directives** which includes inputs and outputs property bindings

**Environment:** Microsoft Visual Studio 2015, C#, ASP.Net 4.5, jQuery, AJAX, Entity Framework 6.0, XML, HTML, Bootstrap, SQL Server 2012, Telerik Test Studio, Telerik Reporting.

**American Express - Phoenix, AZ Apr 2014 –Feb 2016**

**Sr.Net Developer**

**Amex Servicing Portal**

**Description:**The "Amex Servicing Portal" is the mainstream web portal which helps the Amex customer care to service the Card Member when they call upon for different needs related to their Amex Cards. A few of the functionality includes displaying Balances, Triggering Payments, Displaying APR rates and APR offers of the calling card members.

**Responsibilities:**

* Involved in the complete Software Development Life Cycle including Analysis, Design, Implementation, Testing and Maintenance.
* Technical hands-on responsibility for complete Cloud-based Data Center Migration from private hosted provider to AWS.
* Experience in working with two-week sprints in an Agile/Scrum environment.
* Responsible for developing the reusable Components on UI(Views) by developing the Partial Views, View starts, and reusable components for implementing the business rules with C# and OOPS Concepts.
* Implemented CRUD functionality with Entity framework in ASP.NET MVC and implemented sorting, filtering and pagi­ng with Entity Framework Code First in MVC.
* Converted Data Transformation Services application to SQL Server Integrated Services (SSIS) has assigned.
* Written Queries using T-SQL Statements, Views, User Defined Functions, Stored Procedures, Triggers in SQL Server 2008 for inserting/Updating/Deleting the data into the relational tables.
* Developed various stored procedures for the data retrieval from the database and generating different types of reports using SQL Reporting services (SSRS).
* Converted Data Transformation Services application to **SQL Server Integrated Services** (**SSIS**) has assigned.
* Worked Extensively with Query Optimization Techniques to Fetch Data with better Performance Tuning.
* Implemented **Unit testing using NUNIT.**

**Environment:** C#4.5, ASP.NETMVC, HTML 5, HTTP, ASP.NET4.5, WCF, Web API, Razor, ADO.Net, LINQ, JQuery2.0/1.0, XML, JSON, Java Script, Visual Basic, SQL Server 2008 R2(SDS), T-SQL, SSRS, SSIS, MS Test, Visio 2012

**SPRINT, Overland Park, KS May 2013 – Mar 2014**

**. Net Developer**

**Sales Escalation Tool (SET)**

**Description:**This Project provides all type of sales related activities in telecom domain like raising the ticket by a sales executive could be routed automatically to the work-queue based on the internal algorithm. When the problem closes, it sends an email to the concern executive automatically about the status. Provide the detailed reports for the manager about the performance of the employees, adding and deleting the Meta team to the administrator of this module.

**Responsibilities:**

* Involved in the complete Software Development Life Cycle including Analysis, Design, Implementation, Testing and Maintenance.
* Developed solutions for diverse programming scenarios in C#, employing Object Oriented Programming (OOP) concepts such as: encapsulation, inheritance, polymorphism, and abstraction.
* Extensive Experience in Implementing View, Model, Controller and View model by using ASP.Net MVC 4.0 Framework.
* Used ASP.NET MVC4Page Controller pattern to add functionality to individual pages such that to accept input from the page request, invoke the requested actions on the mode.
* Used the **ASP.Net** State Management techniques like Session State, View State to retain the values between the pages transactions, where session is managed in out Proc mode.
* Experience in generating Custom Reports and different types of Tabular, Matrix and distributed reports in multiple formats using **Crystal Reports** and **SQL Server Reporting Services** (**SSRS).**

**Environment:**C#4.5, VB.NET7, VisualStudio2010, ASP.NET4.5, WCF, Entity Framework 4.0, JQuery1.0, TFS 2010, WCF, Java Script, IIS 7.0, AJAX, Agile, ADO.NET, LINQ, MVC 3.0/4.0, REST/SOAP, PL/SQL, NUNIT

**Zurich Insurance - Schaumburg, IL** **Aug 2012 – Apr 2013**

**.Net Developer**

**Automated Regeneration System (ARS)**

**Description:**The Auto Insurance Project Automated Regeneration System (ARS) is aimed at maintaining and developing the existing application that generates appropriate Insurance quote based on the information provided by the customers.

**Responsibilities:**

* Interacted with the end-users to identify business requirements and gather the requirements for business logic fulfillment.
* Used AGILE SCRUM development Methodology to ensure teamwork, collaboration and process adaptability throughout the life-cycle of the project.
* Designed and developed various abstract classes, interfaces, Inheritance to construct the business logic using C#.Net, ADO.NET and SQL.
* Used ADO.NET objects such as Data Reader, Dataset and Data Adapter, for consistent access to SQL data sources
* Extensively used C#.Net to develop server side event handling and components to handle business process.

**Environment:** ASP.Net 3.5/4.0, ADO.NET, VB. Net7, .Net Framework 3.5/4.0, Server controls, Web Forms, Web Services.

**Manasa Technologies, Hyderabad, India Oct 2011 – May 2012**

**Intern**

**Payroll Management System**

**Description:**A web application developed to generate the pay slips of all the employees in, basically all the employees of the company will have their day - day time sheets which will be feeding into the system by the clerks in the company. Based on the timesheets and the Holidays of employees the system will be generating the pay slips periodically.

**Responsibilities:**

* Successfully organized initial set of requirements into master list of Use Cases.
* Involved in development of Web Forms, Classes using C#.NET that incorporates both N-tier architecture and database connectivity.
* Created event driven **Web Forms** using **ASP.NET** and implemented form validation.
* Created **Stored Procedures** and **Triggers** in **SQL Server and** Developed **Classes** to connect to the **SQL Server Database.**

**Environment:** .Net Framework 3.5/4.0, Server controls, Web Forms, Web Services and SQL.