**Ankur Ahuja**

Lead Software Engineer Email: ankurahuja2@gmail.com

LinkedIn: [(2) Ankur Ahuja | LinkedIn](https://www.linkedin.com/in/ankur-ahuja-5b94a84/)
Phone: +1 704-705-5732

Address: Tega Cay, South Carolina

**SUMMARY**

* Senior .NET Full Stack Developer with 15+ years of experience in web application design, implementation of Object-Oriented Design, software design patterns, MVC/ MVVM, N-Tier Architecture, relational database design and data base administration.
* Solid Principles of Object-Oriented Analysis and Design (OOAD), UML and RDBMS concepts.
* Strong experience in Software Development Life Cycle (SDLC), design, development, and deployment of high-performance, scalable, distributed applications in object-oriented design (OOD).
* Experienced in developing distributed applications on cloud using distributed design technologies like Microservices, App-gateway, Rest API, Service Bus, Functions and others.
* Profound knowledge of front-end web development and design using HTML5, CSS3, SASS and Bootstrap.
* In-depth knowledge of developing web applications using ASP.NET web forms, ASP.NET MVC, Angular JS.
* Extensively used ADO.NET and ORM tools such as Entity Framework and LINQ to SQL interact data between web application and database objects.
* Good experience in analysis and design in the RDBMS environment and MS SQL Server which includes the development of Functions, Queries, Stored Procedures, Views, Joins and Triggers using T-SQL.
* Good experience in NO SQL databases like Cosmos DB, Redis.
* Solid understanding of the REST architectural style and building RESTful Web APIs.
* Experienced in developing Service Oriented Architecture (SOA) using .Net services, SOAP, Windows Communication Foundation (WCF).
* Experienced with Software Configuration Management, Source Control, and Version Control using Team Foundation Server (TFS) and Git.
* Worked extensively with iterative Agile methodologies and SCRUM, Waterfall methodologies.
* Worked with ASP.Net, MVC Frameworks 4.5/4.0/3.0/2.0 and implemented controller actions and Views, Partial Views, Areas, Sections, Strongly Typed Views and View Models with State Management, Security, Caching features and configuring optimizations etc.
* In-depth knowledge & experience of software Design Patterns including Singleton, Factory, and Unit of Work & Repository Pattern.
* Experience in design and implement of Relational Database including Normalization, Stored Procedures, Triggers, Views, User Define Functions, SSIS Packages and SSRS Packages in MS SQL Server.
* Proficiency in Object-Relational Mapping (ORM) using ADO.NET, Entity Framework, LINQ and Lambda expression. In-depth experience in Web Services, WCF and Web API development.
* Experienced in Object-relational mapping using ADO.NET, Entity Framework 5/6, LINQ to SQL and LINQ to Object, Auto Mapper. Highly proficient in writing test cases and using Unit Tests by using testing framework such as Nunit and Visual Studio Test Framework to control the code quality with Test-Driven-Development (TDD) methodology.
* Extensive knowledge of .NET security features such as Authentication & Authorization, Windows-based Authentication, Forms-based Authentication, Authorizing Users and Roles.
* Optimized Entity Framework data loading performance by appropriately deciding where to use lazy loading vs. eager loading.
* Worked with Telerik controls and reporting tools.

**EDUCATION**

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| * Masters Of Computer Application (MCA) (Jai Narain Vyas University, Jodhpur, Rajasthan, India)
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| * Bachelor of Science (Mathematics, Physics, Statistics)
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| (Mohan Lal Sukhadia University Udaipur, Rajasthan, India) |

**SKILL SET**

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| **Web** | ASP.NET MVC 5, AJAX, HTML, JSP, JavaScript, CSS, XML, XSD, AJAX, WPF, WCF, LINQ, Angular 12, HTML 5, ASP.Net Core 2.0, Prism, Type Script, .Net Framework 4.0/4.6, .Net Core, Message Queues. |
| **Languages** | C#, VB.NET, ADO.Net, LINQ, Web Services, ASP.Net AJAX, ASP.Net MVC 5, ASP.Net Core 2.0, JQuery, Entity Framework. 6.0, Visual Studio 2022 |
| **Database** | SQL Server 2008/2012/2017, Oracle 10g, MS Access, Stored Procedures, Triggers, SQL, Query Optimization, Database normalization, DTS, SSIS (SQL Server Integration Services), Performance Tuning, DB2, Cosmos DB, No SQL |
| **Tools** | Microsoft Visual Studio 2005/2008/2010/2015/2017/2022, VSS (Visual Source Safe), VSTS, Team Foundation Server, ADO |
| **Versioning Tools** | TFS, VSS Management, Git, SVN |
| **Cloud Technologies** | Microsoft Azure, Microservices, Docker, Kubernetes, Service Bus, Functions, Power Shell, Yaml pipeline, ADO pipelines |
| **Testing** | Unit Testing, Analysing, and preparing Test plans, Test cases, Test documents, Integration Testing |
| **Application Servers** | IIS |
| **Reporting Tools** |  SQL Server 2019, SQL Server Reporting Services 2022, SSIS 2022, SQL Server Analytical Services 2022. |

**PROFESSIONAL EXPERIENCE:**

**Client: FinThrive INC (HealthCare) Feb-2021 – Currently working**

**Project: Insurance Clearinghouse Product Team**

**Role: Lead Software Engineer**

**Responsibilities**:

* Involved in the complete Software Development Life Cycle including Analysis, Design, Implementation, Testing and Maintenance.
* Design and code high quality deliverables adhering to defined standards and design principles.
* Create unit tests and ensure code coverage is met as per the agreed standards.
* Worked on DevOps optimization to Set up continuous integration and deployment with Azure DevOps.
* Worked on Azure Migration from Inhouse servers and deployment to Cloud.
* Good knowledge of Azure Services like Service Bus, Functions, Cosmos DB and Blob Storage for archiving data.
* Good knowledge of Microservices based application design and development.
* Implemented the project using ASP. NET, C# and back-end database as SQL Server 2019.
* Implemented few applications Angular and Rest API as backend service and SQL as backend database.
* Written Stored Procedures in SQL Server 2019 , LINQ to Entities to bind the data to Grid View, Data List, Details view, Repeaters, Dataset Classes for data manipulation.
* Development was done using Agile methodology with daily scrums, and continuous integration using the SDLC process to deliver higher-quality software far more rapidly.

**Environment & Tools**: .NET Core, C#, ASP.NET MVC 6.0, Angular 13, Microservices, Docker, Typescript, Visual Studio 2022, SQL Server 2019, Cosmos DB, HTML5, CSS3, Bootstrap, Entity Framework 6, Rest API, J-Query, Team Foundation Server (TFS), ADO, LINQ.

**Client: TransUnion LLC (HealthCare) Feb-2015 – Nov 2021**

**Project: Insurance Clearinghouse Product Team**

**Role: Sr Software Engineer**

**Responsibilities**:

* Involved in the complete Software Development Life Cycle including Analysis, Design, Implementation, Testing and Maintenance.
* Design and code high quality deliverables adhering to defined standards and design principles
* Create unit tests and ensure code coverage is met as per the agreed standards
* Worked on DevOps optimization to Set up continuous integration and deployment with Azure DevOps.
* Implemented the project using ASP. NET, C# and back-end database as SQL Server 2016 and Mongo Db.
* Written Stored Procedures in SQL Server 2016 used EDMX as conceptual Model and LINQ to Entities to bind the data to Grid View, Data List, Details view, Repeaters, Dataset Classes for data manipulation.
* Development was done using Agile methodology with daily scrums, and continuous integration using the SDLC process to deliver higher-quality software far more rapidly.
* Created & hosted Restful Services, Web services and Web API also used different bindings to make it available to different types of clients.

**Environment & Tools**: .NET Core, C#, ASP.NET MVC 6.0, Angular2/4/6, Typescript, Visual Studio 2017, SQL Server 2015/2017, Mongo DB, HTML5, CSS3, Bootstrap, Entity Framework 6, Web API, J-Query, Team Foundation Server (TFS), LINQ, Visual Studio 2017, Mongo DB.

**Client: WELLS Fargo**

**Mar-2010 – Dec 2012 (Offshore India)**

**Dec- 2012 - Feb 2015 (United States)**

**Project:**

**1. GL (General Ledger)**

**2. WLS (Warehouse Loan System)**

**3. AIB (Allied Irish Bank)**

**4. MML (Middle Market Loan Management)**

**Role: Sr. Software Engineer**

**Responsibilities**:

* Involved in the complete Software Development Life Cycle including Analysis, Design, Implementation, Testing and Maintenance.
* Hands on experience in developing WCF Service and ASP. NET Web API. NET CORE HTTP Services for web application.
* Application Development, Implementation and Maintenance using Extensive experience in ASP. NET MVC & . NET CORE, windows application development using WPF.
* Implemented on ADO. NET Entity Framework to associate with database for CRUD operations. Worked on LINQ to Entities, Lambda Expressions, and Object-Oriented Design Patterns.
* Writing Software Requirement Specifications & Test cases, Object Oriented Analysis and Design using UML with Microsoft Visio 2017.
* Designed Graphical User Interface (GUI) using Master Pages, HTML, JavaScript and CSS classes.

**Environment & Tools**: .NET C#, ASP.NET MVC 4.5, Visual Studio 2017, SQL Server 2015/2017, Entity Framework 6, Web API, J-Query, Team Foundation Server (TFS), LINQ, Visual Studio 2017, WPF.

**Client: Snap On (United States) Mar-2009 – Jan-2010**

**Project: Chrysler Auto Import Tool**

**Role: Assistant Systems Engineer**

**Responsibilities**:

* Involved in the complete Software Development Life Cycle including Analysis, Design, Implementation, Testing and Maintenance.
* Designed and Implemented Web application using ASP.NET MVC 6.0, Web API,Entity framework (EF). Involved in Analysis, Design and Development of Customer Portal application.
* Developed web application using .Net Core 2.0 framework. Used Entity Framework ORM as repository layer to connect to database. Implemented LINQ queries to perform CRUD operations.
* Implemented WEB API framework for building HTTP services that can be consumed by broad range of clients including browsers, mobiles and tablets in the application.
* Hands on experience in working with development of Stored Procedures, User Defined Functions, Queries, Indexes, Triggers and Views using SQL Server and T-SQL.
* Used Restful Web API services to implement the functionalities of business for the integration of application and bind data to the components from frontend.

**Environment & Tools**: MVC, Web APIs, C#, SQL SERVER 2012, Telerik Reporting, TFS.

**Client: Snap On (United States). July 2008 – Mar 2009**

**Project: VCDE (Vehicle Communication and Development Environment)**

**Role: Assistant Systems Engineer**

**Responsibilities**:

* Developed a Graphical User Interface (GUI) for a server-side & client-side web application with ASP.NET, MVC, and MVVM.
* Developed using N-tier architecture Presentation layer, Business logic layer (BAL mid-tier) and DAL (Data access layer).
* Written business logic as WCF Services consumed, by both Wb and Windows application.
* Develop the WPF application using Styles, Trigerrs, Data Templates and Lazy loading.
* Utilized Entity framework extensively for data retrieving, querying, storage and manipulation using LINQ.
* Made use of several .NET AJAX controls to render the content dynamically on WebPages which are developed using C#.
* Designed and developed various SQL Server Stored Procedures, Built-In Functions, Views and Triggers for the application's DML (Data Manipulation Language) functionality.
* Developed Web services/Rest Services for building applications that send and receive messages over HTTP.
* Used Database First approach with the Entity Framework to generate models and the db context.
* Created stored procedures, user defined functions for better result in SQL Server 2017 database.
* Used RDLC for reporting in both Web and Windows application.

**Environment & Tools**: C#.NET, .Net Core 3.5.1, WPF, WCF, C#, SQL SERVER 2012, RDLC, TFS.

**Client: Volkswagen Germany Jan 2008 – 2 June 2008**

**Project: ICC (Internet Car Configurator)**

**Role: Assistant Systems Engineer**

**Responsibilities**:

* Analysed and designed new WPF application using MVVM and Repository pattern, from design to completion
* Develop and maintain user interaction layer using WinForms.
* Develop the WPF application using Styles, Triggers, Data Templates and Lazy loading over XAML pages.
* Utilized Entity framework extensively for data retrieving, querying, storage and manipulation using LINQ.
* Consumed different WCF Services to retrieve customer information and other application related information. Extensively used JavaScript to provide functionality for the user interface
* Developed Data Access Layer using LINQ Data context object with ADO.NET Entity Framework 6.0

Used WPF in creating different animated scenes using transforms, animation controls

* Extensively used Log4Net for logging the exceptions to the database tables
* Involved in testing like Unit test, Integration test, and Acceptance test using NUnit unit testing framework and responsible for writing test scripts and scenarios

**Environment &Tools:** C#, WPF, Entity Framework 6, PRISM, SQL Server 2012, Visual Studio 2012, IIS 7.0, TFS, LINQ.

**Client: WABCO Oct 2007 – Dec 2007**

**Project: CLRS – Complete Labour Reporting System**

**Role: Assistant Systems Engineer**

**Responsibilities**:

* Involved in the complete Software Development Life Cycle including Analysis, Design, Implementation, Testing and Maintenance.
* Designed and Implemented Web application using ASP.Net , Web API,Entity framework (EF).
* Involved in Analysis, Design and Development of application.
* Hands on experience in working with development of Stored Procedures, User Defined Functions, Queries, Indexes, Triggers and Views using SQL Server and T-SQL.
* Used Restful Web API services to implement the functionalities of business for the integration of application and bind data to the components from frontend.

**Environment &Tools:** C#, ASP.Net, Entity Framework, SQL Server 2008, Visual Studio 2008, IIS 7.0, TFS.

**Client: ATMT Aug 2007 to 30 Sep 2007**

**Project: Email Manager System at ATMT**

**Role: Software Developer**

**Responsibilities**:

* Involved in the complete Software Development Life Cycle including Analysis, Design, Implementation, Testing and Maintenance.
* Designed and Implemented Windows application using Microsoft windows development platform.
* Involved in Analysis, Design and Development of application.
* Hands on experience in working with development of Stored Procedures, User Defined Functions, Queries, Indexes, Triggers and Views using SQL Server and T-SQL.
* Developed, Design of Databases.

**Environment &Tools:** C#, ASP.Net, DB2, SQL Server 2008, Visual Studio 2008.

**Client: Havering Datt London Aug 2006 to July 2007**

**Project: ICR/OMR/OCR (Intelligent Character Reader, Optical Mark Reader, Optical Character**

**reader)**

**Role: : Software Developer**

**Responsibilities**:

* Involved in the complete Software Development Life Cycle including Analysis, Design, Implementation, Testing and Maintenance.
* Involved in Analysis, Design and Development of application.
* Designed complex Reports using Component One Tool

**Environment &Tools:** C#, ASP.net, Ajax, SQL Server 2005, JavaScript, Crystal Reports, Component One & ArcGIS

**Client: ATMT March 2006 – July**

**Project: Bulk Mail System**

**Role: Software Developer**

**Responsibilities**:

* Involved in the complete Software Development Life Cycle including Analysis, Design, Implementation, Testing and Maintenance.
* Involved in Analysis, Design and Development of application.
* Designed complex Reports using Component One Tool

**Environment &Tools:** C#, ASP.net, Ajax, SQL Server 2005, JavaScript, Crystal Reports, Component One & ArcGIS

**Project: Vehicle Management System Aug 2006 – Mar 2008**

**.NET Developer**

**Responsibilities**:

* Involved in the complete Software Development Life Cycle including Analysis, Implementation, Testing and Maintenance.
* Involved in Analysis, Design and Development of application.
* Designed complex Reports using Crystal Reports aand RDLC Reports.
* Was involved across various Maintenance projects and supporting any tickets from customer.

**Environment &Tools:** VB.Net,Visual Basic 6.0, SQL Server 2005, Visual Studio 2005, Crystal Reports