# Surendra Kata

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# Summary

* 13+ years of progressive technical and functional experience specializing in analysis, design, and development of Internet, Intranet, Client Server and Object Oriented applications built on .NET Framework.
* Experience in developing business and n-tier applications using **C#.NET, ASP.NET, ADO.NET, Entity Framework, .NET Core & VB.NET**
* Worked on architectures like **ASP.Net** **MVC 5.0/4.0/1.0.**
* Ability in Design, Development, Security, Testing and consuming of distributed applications using **WCF**.
* Experience using **ASP.NET Web API** to build **RESTFUL Web Services**.
* **Development Proficiency**: Experienced in developing robust and scalable applications using .NET Core framework.
* **RESTful APIs**: Proficient in building RESTful APIs using ASP.NET Core, enabling seamless communication between different components of the application and external services.
* **Performance Optimization**: Experienced in optimizing performance of .NET Core applications through techniques such as asynchronous programming, caching, and performance profiling.
* Experience in web application design and development using **ASP.NET, HTML, JavaScript, jQuery, XML, XSLT, CSS** and Bootstrap to build responsive web applications.
* Experience in creating dynamic web pages using **Win Forms, Web Forms, User Controls, Custom Controls, ASP.NET Validation controls and AJAX Framework** to obtain partial updates and faster response time.
* Worked **Team Foundation Server(TFS) and Subversion (SVN)** for code repository, deployment and version control.
* Expertise in Relational Database design and development using **SQL Server 2008/2010/2012** and hands on experience in developing stored procedures, functions, Indexing, queries, triggers, Views, Cursors, creating SQL Jobs.
* Configured and maintained **SQL Server Integration Services (SSIS).**
* Deploying the applications on **IIS** and remote servers and ability to manage deliverables as per the scheduled target dates.
* Designed and developed RESTful APIs.
* Servers Maintenance, Database maintenance
* Worked on several projects, which developed using agile methodology.
* Highly motivated team player with zeal to learn new technologies and always believes in giving the best efforts in challenging environments.
* Effective in working independently and collaboratively in teams.
* Ability to learn new programming languages and tools independently.
* Developed and maintained healthcare applications, ensuring compliance with industry regulations such as HIPAA (Health Insurance Portability and Accountability Act) to safeguard patient privacy and data security.
* Proficient in Test-Driven Development (TDD): Utilized xUnit and NUnit frameworks extensively to implement TDD practices, ensuring robust and maintainable codebase.
* Developed automated test suites using xUnit and NUnit to validate functionality, improve code quality, and accelerate the software development lifecycle.

**Technical Skills**

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| **Technologies** | C#.NET , VB.NET,ASP.NET, .NET 2.0/3.0/3.5/4.0/4.5, .NET Core 2.X,AJAX, CSS, XML, XSD, HTML/XHTML, DHTML, JSON, Bootstrap,ASP.NET MVC |
| **Database** | SQL Server 2012/2008/2005, T-SQL, Entity Framework, ADO.NET, LINQ to SQL, SSIS(SQL Server Integration Services) |
| **Scripting Languages** | JavaScript, jQuery |
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| **Development Tools** | MS Visual Studio 2022/2019/2015/2008 |
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| **Source Code Control** | Team Foundation Server, SVN |
| **Service Oriented**  **Architecture (SOA)** | WCF, REST, Windows Services, ASP.NET Web API |
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**Education**

Bachelor of Technology in Computer Science & Engineering

Andhra University, India

**Professional Experience**

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| **Project Title** | Customer Communication Connect (CCMConnect) |
| **Client** | AETNA (a CVS Company) |
| **Duration** | Jan 2016 to Till date |
| **Synopsis** | It is one of the customized projects in “**healthcare Connect**” product that is developed according to client requirement, where **healthcare Connect** is a premium platform developed for healthcare industry to manage and support customer communications from document versioning and approval to fulfillment tracking using state-of-art technology. Based on the client’s Requirement, we have changed the application (Product) |

###### **Role & Responsibilities:**

* Analyzing and understanding the detailed business requirements.
* Followed **SDLC** life cycle (Requirement gathering, Analysis, Development, Quality Analysis)
* Developing the design specifications for business requirements.
* Its web based N-Tier application developed using SQL as Data Repository Tier, **WCF Services/ REST** Services and Data Services (Data Access Layer) as Business Service Tier and ASP.NET MVC as Presentation Tier.
* Experience using **ASP.NET Web API** to provide services for an application, which uses only HTTP requests and accessed in different platforms and browsers.
* Effectively implemented **ASP.NET security infrastructure** for authenticating and authorizing user access as well as performing other security related tasks.
* Extensively used **ASP.NET MVC** architecture for the Web application design to have the application layers loosely coupled.
* Working with **MVC5 Razor View Engine** to develop the user interface.
* Developed a dynamic web application using **Python** and Django/Flask, incorporating features such as user authentication, and RESTful APIs.
* Maintaining all project servers on **AWS** cloud.
* Implemented **jQuery** for **client side sorting** and **validations**.
* Designing responsive webpages using **CSS** and **Bootstrap** grid system.
* Developing **Controllers** and **Model classes**.
* Creating unit tests and running them in build environment.
* Used **Entity Framework** to support the development of data-oriented software application and used in console Applications that we created for services.
* Created **Views** by applying complex queries on multiple tables, implemented Cursors in **Stored Procedures**.
* Writing complex **stored procedures, queries, functions** to fetch data from complex views and tables using many joins in T-SQL.
* **Performance Tuning** at SQL side- creating Indexes, normalization.
* Application Server Maintenance. Database maintenance
* Created PDF files with Apache FOP Using **XML, XSLT**.
* Generating reports using **Crystal Reports**.
* Developed middleware component classes and **WCF** services across the enterprise and
* Using **MSMQ** to send generated reports to different groups.
* Developing **batch jobs** using **C#.NET** and **SQL2012**
* Assisting and supporting other team members on multiple projects.
* Participated in daily Scrums with the whole team to discuss about the progress of the application development, specks to be taken care and specks that already completed.
* Integrated third party tools like iTextsharp.
* **Built** RESTful APIs using ASP.NET Core.
* **Optimizing** performance of .NET Core applications through techniques such as **asynchronous** programming, caching, and performance profiling.
* Developed automated test suites using xUnit and NUnit to validate functionality, improve code quality

***Environment:***

.NET Framework 4.5/4.0/2.0, Visual studio 2015/2008, ASP.NET MVC 5, WCF Services, ASP.NET Web API, C#.NET, Strongly Typed Dataset, LINQ, SQL Server 2012, T-SQL, SVN, XML, Custom Reports, MSMQ, JavaScript, jQuery, HTML, CSS, XML, XSLT, Apache FOP, Angular JS.

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| **Project Title** | YPDirect |
| **Client** | AT&T |
| **Duration**  **Synopsis** | Jan 2012 - Jan 2016  Communication with customers using Direct Mail, E-mail or even Text Messaging. With hundreds of pre –designed templates to choose from, it has never been easier to send invitations, coupons, reminders and more |

###### **Role & Responsibilities:**

* Interacting with client for requirements, discussing the feasibility of requirements, designing the layout of web pages, architecture and participating in the development.
* Coordinate with stakeholders to collect and analyze project requirement data.
* Developing and maintaining the business application using .Net technologies, WCF Services, MVC 4.0, and Entity Framework, SQL and XML.
* Followed **SDLC** life cycle (Requirement gathering, Analysis, Development, Quality Analysis)
* Working on **Agile Methodology** to meet timelines with quality deliverables.
* Used **MVC 1.0 & MVC 4.0** architecture in the application development.
* Converted the Project from MVC 1.0 to MVC 4.0 architecture.
* Created partial views, which is a user control and rendered inside a parent view.
* Involved in doing the easy way of **validations in MVC** by using data annotations.
* Used **Razor view engine** because of its lightweight and simple syntaxes.
* Implemented **jQuery** for client side scripting and custom formatting and communicate with **RESTFUL web services.**
* Used **AJAX** methods for asynchronous calls to server using client side scripting**.**
* Client side validations were taken care using **JavaScript.**
* Designing responsive webpages using **CSS** and **Bootstrap** grid system.
* Worked on **.NET Security features** such as **Authentication & Authorization**, Forms-based Authentication, Authorizing Users, Roles and User Account Impersonation.
* Designing and developing SOA services using **WCF**.
* Developed proxy classes for consuming WCF services.
* Implementing the **Custom Binding and Binary Message Encoding in WCF Service.**
* Used **Entity Framework** to support the development of data-oriented software application.
* Creating custom entities in entity framework to connect data access layers and SQL server 2008.
* Used **LINQ to query** against strongly typed collections of object and **Entity Framework 4.0**.
* Writing complex **stored procedures, queries, functions** to fetch data from complex views and tables using many joins in T-SQL.
* **Performance Tuning** at SQL side- creating Indexes, normalization.
* Application Server Maintenance. Database maintenance
* Integrated third party tools like CCAP for payment transactions and BING map for address details, Satori for CASS processing and XMPie for Print file generations.
* Majorly Involved in Application deployments and Application Designing.
* Developed automated test suites using xUnit and NUnit to validate functionality, improve code quality
* Involved in production support

***Environment:***

.NET Framework 4.0/3.5/2.0, ASP.NET MVC 4/1, WCF Services, C#.NET, LINQ, Entity Framework, Regex, SQL Server 2008, T-SQL, SVN, Entity Framework, XML, CCAP,

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| **Project Title** | SuperGoodMovies |
| **Client** | Skillbell Technologies, India |
| **Duration** | Jan 2011 - December 2011 |

***Roles & Responsibilities:***

* Developed web applications using **C#** with **ASP.NET MVC** architecture.
* Followed **SDLC** life cycle (Requirement gathering, Analysis, Development, Quality Analysis)
* Developed **Web Services** and invoked them by using XML, SOAP and WSDL tool for creating proxy classes.
* Wrote **queries, stored procedures, Functions, Triggers** to get the data from **SQL Server 2008.**
* Used **Query Optimization** for improving performance.
* Writing complex **stored procedures, queries, functions** to fetch data from complex views and tables using many joins in T-SQL.
* **Performance Tuning** at SQL side- creating Indexes, normalization.
* Application Server Maintenance. Database maintenance
* Solved problemlogs and bugs in the application.
* Involved in writing **test cases** for the whole application for unit testing.
* Working with SVN, VSS as the source for version control and project management.
* Majorly Involved in Application deployments and Application Designing.

***Environment:***

ASP.NET, C#.NET, ADO.NET, Visual Studio.NET 2008, XML, SQL Server 2008, T- SQL, SSIS, SSRS, .NET Framework 3.5/3.0, AJAX Control Toolkit, MSMQ, SVN.

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| **Project Title** | ClickMyTalent |
| **Client** | Skillbell Technologies, India |
| **Duration** | January 2010 - December 2010 |

***Roles & Responsibilities:***

* Involved in developing the **Data Access Layer, Business components and Business Layer in C#.NET**, where all the Business Objects are written in developing the whole Application.
* Followed **SDLC** life cycle (Requirement gathering, Analysis, Development, Quality Analysis)
* Designed user interface in C#.NET with **Win Forms**, HTML Controls and Web Controls.
* Created event driven Web Forms using ASP.NET and implemented form validation using JavaScript.
* Worked on **ASP.NET state Management**, **Caching features**, configuring ASP.NET optimizations, securing ASP.NET web application.
* Developed the Web Application in ASP.Net 3.5 using Master Page, Themes & skins to maintain the consistent look and feel throughout the application.
* Created CSS files to be applied to various web forms on the web pages.
* Worked on UI using AJAX to provide asynchronous communication and highly responsive user interface and for making smaller, faster and user friendly web-page application.
* Used **WCF for interoperability** with other platforms, technologies and for building the custom solutions.
* Implemented **WCF endpoints** for services for communication in different protocols and configured **WCF service to authenticate** clients with Windows credentials.
* Used Data Contract as the standard mechanism in the **WCF for serializing** .NET object types into XML.
* Used **WPF for creating windows and custom win form control** using various animation techniques.
* Used **LINQ to SQL (object relational mapping)** for integrating data validation and business logic rules into data model and used Data Grids, Repeaters and Data Lists for user and administrator for reports with multiple pages.
* Created databases and database objects including tables, indexes and applied constraints, connected various applications to the database and written functions, User Defined functions and triggers in SQL server.
* Worked on SVN for version control, individual task status and Database server project.
* Writing complex **stored procedures, queries, functions** to fetch data from complex views and tables using many joins in T-SQL.
* **Performance Tuning** at SQL side- creating Indexes, normalization.
* Application Server Maintenance. Database maintenance

***Environment:***

***.***Net core 2.X, .net framework 2.0 C#.NET, ASP.NET, WCF, WPF, JQuery, LINQ to SQL, XML Web Services, IIS, MVC, ADO.NET, MSMQ, LINQ, XML/ XPath, SQL Server 2008, SVN, T-SQL,VB.NET