**GOKUL CARINGULA**

609-203-7481 **▪** gokulc.tmx@gmail.com

* Customer-Focused IT professional having **7 years of USA** and **10 years of offshore** experience in Software Development Life Cycle (SDLC) for implementing .Net technology solutions and leading the team across various methodologies.
* Equally strong project leadership experience - introduces problem-solving analysis that improve processes, systems, and methodologies currently in place and exceed business goals and customer expectations.
* An excellent problem-solver, able to grasp complex systems and identify opportunities for improvements and resolution of critical issues. An effective leader, skilled in enlisting the support of all team members in aligning with project and organizational goals.
* Expert in requirement elicitation focusing on the important/real issues, translating them into actionable documents from architecture, functional and low-level design standpoint and implementing in an object-oriented design manner.
* Expertise in **Microsoft Shop** on **Web Applications** with **C#** on **.Net Core 3.0 and .NET 4.5 unto 1.0, Vue.JS, Angular, AngularJS 1.x with MVW, HTML5 & CSS3, Entity Framework and EF Core with Fluent n-Hibernate, Azure, ASP.NET, ASP.NET MVC, MVVM, WCF, ADO.NET, SQL Server 2012, RESTful services using ASP.NET Web-API, EDA, IIS, SSIS, SSRS, Command and Power Shell scripting.**
* Regular practice peer code reviews adhering to DRY (Don’t Repeat Yourself) coding standard before every code check-in and making sure code is decoupled following SOLID principles.
* Direct interaction with stakeholders and participate in assessments of development needs and support architect in suggesting concept implementation in the project.
* Strong database programming experience in writing complex procedures, functions, triggers and equally comfortable in Web-SQL Server integrations.
* Strong experience in designing and implementing **N-tier architecture**, Services-Orientated-Architecture (**SOA**).
* Expertise in following and implementing **SCRUM** **agile** development methodology.
* Demonstrated ability to quickly learn and adapt to domains like **Manufacturing, Airlines, Insurance, Banking and Retail Industries** in areas like Automobile, Aerospace, Insurance Portfolio Evaluations, Commercial Banking and General/Multi-Life Disability Insurance.
* Outstanding ability to coordinate with multiple stakeholders to meet and negotiate stringent deadlines.

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|  |  **SKILL SET** |  |

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| Programming | Vue.JS with Type Script, Angular 2, AngularJS 1.x, RESTful Services (Web-API), ASP.NET MVC 4.5, C#.NET, ADO.NET, Fluent n-Hibernate, Window Communication Foundation [WCF], MS-SQL Server (*Stored Procedures, Trigger, UD-Functions*), Microsoft Entity Framework, Power Shell, HTML5 and CSS3, Cascading Style Sheets (CSS), JavaScript, Windows Applications. |
| Framework / IDE/ Server | **.NET Core 3.0 / .NET framework 4.5 =>1.x**, **Microsoft Entity Framework 5.0, Entity Framework 3.0, Visual Studio 2019, Visual Studio Code 1.5, IIS 7.0.** |
| RDBMS / Reporting/ ETL | **Microsoft SQL Server 2015**, **SQL Server Business Intelligence Development Studio**, SSIS, SSRS, Query / Performance tuning, MS-Access. |
| Design Tool / Project Tool | **Share Point Online, Service Now, GIT HUB Enterprise**, **Azure,** **JIRA**, **Jenkins**, **Microsoft Team Foundation Server (TFS), Swagger, Fiddler, SharePoint**, **WinSCP, Kleopatra,** Version One, VSS, Microsoft Project, Microsoft Visio, IBM Rational Clear Case, IBM Web Sphere MQ, SSIS, Microsoft Release Management, Beyond Compare. |
| Domain / Industry | **Commercial Banking, Automobile**, **Insurance** (General, Disability & Multi-life), Airlines/Aerospace, Commercial, Social Networking, Logistics, HR. |

**EDUCATION**

Master’s in Computer Science – 2003

Bachelor’s in computer science – 2001

**DOMAIN/AGILE CERTIFICATIONS**

Professional Scrum Master (PSM I)

Scrum Fundamentals Certified (SFC)

LOMA-280 Principles of Insurance

**TECHNICAL CERTIFICATIONS/COURSES**

Microsoft Certified Windows Azure and Web Services

Microsoft Certified Technology Specialist in .NET

Microsoft Certified Professional (MCP) in .NET

MongoDB in .NET Certificate Course

**PROFESSIONAL EXPERIENCE**

**JM Family Enterprises, SETF Deerfield Beach, FA, USA**

**Integration Engineer/ Senior .NET Developer Jul 2021 – Till Date**

* Evaluating the legacy .NET projects with extensive code debugging and transforming the existing functionality into command/PowerShell scripting using cutting edge file transfer utilities like WinSCP to process files.
* Used/developed inhouse built file utility for file transfer processing over FTP including encryption and decryption process.
* Implemented token authentication with serialization between the .NET client and Azure hosted Share Point List and used Postman tools for maintaining and testing REST API’s calls.
* Troubleshooting and pair programming with junior developers to help maximize the productivity by sharing debugging and suggesting best practices working with tools.
* Coding in C# .NET, PowerShell scripting, batch, reusing the Share Point Authentication DLL and WinSCP components in various projects.
* Developed/Altered SQL Stored Procedures, Views and User Defined Functions as part of enhancements for existing modules.
* Worked with cloud engineer in setting up resource groups, App Server, and SQL Server with required elasticity in azure cloud for developers and QA environment with 4 vCPUs cores over 1TB space on a virtual Linux-VM.
* Used Kleopatra tool for setting up crypto keys and testing encryption/decryption of files as part of integration process.
* Interacting with scrum master and scrum team to prioritize and work on user stories by developing make sure deliverables are adhered to definition of done.
* Swiftly acting on various Service Now tickets for supporting issues and hot-fixes based on priority and severity of the issue and making sure there is minimal down-time of an without hampering the existing application functionality.

**Responsibilities**: Designing solution and coding of integration components, templates and data processing functionality using PowerShell / C#.NET and use of API for implementing RESTful services for data transfer calls. Stepping through existing legacy ASP.NET code and evaluating the existing design, logic and validations, preparing technical design summary documents, and transforming to command shell code followed by peer code review, unit testing and applying encryption/decryption for file processing.

**Environment:** .NET 4.7.2, Power Shell, Share Point COSM libraries, C#.NET, LINQ, Microsoft SQL Server, Azure, M-Teams, JIRA, Postman, IIS, Kleopatra, WinSCP.

**WCAIS, Penn State Mechanicsburg, PA, USA**

**Full Stack .Net Developer Oct 2020 – Jul 2021**

* Evaluating the legacy .NET 3-tier architecture application by extensive debugging of the code and then documenting and translating the functionality into modern responsive multidevice app using Vue JS bootstrap and type script to process data and events with Web-API as RESTful services.
* Used Vue Js for UI development in Visual Studio Code and developed the Web-API, XML serialization, LINQ, Lambda Expressions, and collections using Visual Studio while building the application adhering to SOLID achieving loosely coupled architecture for scalability.
* Implemented RESTful services for serialization between the front end and database as a separate layer for the application and used Swashbuckle, Postman tools for maintaining and testing API’s libraries.
* Troubleshooting and pair programming with entry level developers to help maximize the productivity by sharing debugging and tools usage tips.
* Coding in front end java script framework using Vue Js as templates, components and data/event processing with TS (type script) in export sections and reusing the same by importing the components where ever necessary.
* Developed Stored Procedures, Views and User Defined Functions that are required as part of enhancements and digital transformation.
* Worked with cloud engineer in setting up resource groups, App Server and SQL Server with required elasticity in azure cloud for developers and QA environment with 4 vCPUs cores over 1TB space on a virtual Linux-VM.
* Jenkins’s connectivity to dynamically trigger build for every code check-in and generate build report if the build fails.
* Acting Scrum Master for conducting scrum ceremonies and helping product owner to prioritize user stories and monitoring stories progress across swim lanes and burn down charts making sure deliverables are adhered to definition of done.

**Responsibilities**: Designing and coding of Vue JS component, templates and data processing using type script and extensive use of ASP.NET Web API for implementing RESTful services for data transfer calls. Stepping through existing legacy ASP.NET code and evaluating the existing design, logic and validations, preparing technical design summary documents, and transforming to modern world application using extensive Vue.JS and Web-API code followed by peer code review, unit testing and applying stringent bootstrap to each page using media queries.

**Environment:** .NET Core 3.0, Vue.JS 3.0, C#.NET, ASP.NET Web-API core, LINQ, Entity Framework, Microsoft SQL Server, Azure, M-Teams, Jenkins, JIRA, Postman/Swagger, IIS, Axe tool accessibility consistency of each page.

**HALO, HONDA, North America Torrance, CA, USA**

**Full Stack .Net Developer Oct 2019 – Sep 2020**

* Worked closely with on prem business team to understand requirements and present weekly progress reports.
* Performing business impact analysis, minimal cost of downtime and calculating quick RTO/RPO to keep system available for end users.
* Implemented RESTful services for serialization between the front end and Database as a separate layer for the application.
* Stretching timelines to meet deadlines when required and coordinating with stake holders during demo/UAT sessions sometimes covering late hour and holidays.
* Used Angular 2 for UI development in Visual Studio Code editor, and developed Web-API, XML serialization, LINQ, Lambda Expressions, and collections using Visual Studio while building the application adhering to SOLID programming principles for achieving loosely coupled architecture for scalability.
* Coding of template components and data processing with type script.
* Developed Stored Procedures, Views and User Defined Functions.
* Worked with architect and data engineer in setting up the base frame work and common methods/functions and the DB needed for the project.
* Used Azure for code repository maintenance, JIRA for maintaining and prioritizing user stories and tracking work across using burn down charts and bug tracking and have access for Jenkins for deployments.

**Responsibilities**: Designing and coding of Angular components and data processing using type script. Implementing business application to be highly available for end users by considering business impact, formulating cost of downtime and recovery time. Coordinating with logistics and S&PP business team for requirement gathering, preparing technical design summary documents, helping product owner to maintain user stories, coding of Angular, Web-API and .NET modules, peer code review, unit testing, configuration management, and daily deployment using Jenkins.

**Environment:** .NET Core 2.1, C#, Angular 2, REST Web-API, Entity Framework, Microsoft SQL Server, Azure, Jira, Jenkins, Swagger/Postman/Fiddler.

**APEX, HONDA, North America Torrance, CA, USA**

**Full Stack .Net Developer Jun 2019 – Oct 2019**

* Developed the core service module using WCF for catering to various systems using various bindings.
* Used Angular 2 UI framework for developing modules as logical components and integrating to component and creating services as common components across application.
* Developed SQL stored procedures and UDFs for performing data transactions.
* Testing of design in different devices by applying boot strap, development of clean code and running unit tests.
* Developed entity framework style code using n-Hibernate and Spring.NET framework.
* Developed and consumed web services using SOAP based Windows Communication Foundation (**WCF**) for communication between application and service layer.
* Leveraged **Agile (SCRUM)** toaccommodate ever changing requirements.

**Responsibilities**: Coordinating with business team, requirement gathering of various business functionalities, analyzing the various scenarios and suggesting solutions, preparing the technical design summary as per application architecture, extensive coding on ASP.NET MVC, Angular 2 and C#.NET, performing peer code review, unit testing, and configuration management.

**Environment:** ASP.NET MVC, Angular 2, C#.NET, WCF web services, LINQ, n-Hibernate, Microsoft SQL Server 2014, HTML, XML, XSLT, JavaScript, CSS, ADO.NET, Azure Cloud, JIRA, Jenkins.

**TITAN, Guardian Life Insurance Corporation, USA Pittsfield, MA, USA & Offshore**

**Full Stack .Net Developer May 2016 – Jun 2019**

* Followed test driven development (TDD) where by covering all test cases as during development.
* Designed and implemented Web-API for serialization between the web UI and Database as a separate layer for the application with business logic and data access layers being designed on the rest services side.
* Took over acting role of leadership of development as lead development and mentored junior developers.
* Developed UI using Angular JS in MVW model pattern with controller coding in JavaScript file.
* Used Kendo UI grid plugin to use in the user interface wherever needed in application to represent complex business data, with filtering, sorting and paging per business requirements.
* Implemented and maintained complex business logic in SQL procedures often spanning several thousand LOC.
* Implemented model at the front-end for html GUI to use in representing the data and manipulating the same using controller.js file.
* Leveraged .Net features such as XML and JSON serialization, LINQ, Lambda Expressions, and Collections heavily while building the application.

**Responsibilities**: Adopted SAFe methodologies, coordinating with multiple stakeholders, client interfacing and communication, requirement gathering, performing analysis, design, coding, code review, testing, configuration management, estimation, daily deployment using Jenkins. Sometimes taking up acting SCRUM Master Role to conduct scrum ceremonies.

**Environment**: VS-Code, VS-2015 with Microsoft.NET Framework 4.5, C#.NET, Fluent n-Hibernate, Web-API, Microsoft SQL Server 2012, Team-foundation, Angular JS, HTML5 & CSS-3 with MVVM architecture pattern.

**SPeCS, HONDA, North America Torrance, CA, USA & Offshore**

**Application.Net Developer Jun 2013 – May 2016**

* Used MS-VISIO and extracted existing system by re-engineering process and proposed new design as solution.
* Used SQL-2008 to design data-model, code Stored Procedures and user defined functions.
* Implemented SSIS packages for refreshing certain SQL tables at regular intervals of business process.
* Preparing test plan, unit test cases, system test cases and UAT cases and executing the same.
* Planned and managed UAT with disciplined time lines.
* Improved reusability of existing tables and stored procedures cutting on time and lines of code.

**Responsibilities**: Coordinating with business user and project head for requirement gathering, analysis, estimation, design, coding, code review, testing, and configuration management, managed UAT cycles and solely responsible for developing production plan and delivering the application into production.

**Environment:** ASP.NET, Microsoft SQL Server 2008R2, SSIS-2008, JavaScript, CSS, Enterprise Library, ADO.NET, IBM Rational Clear Case.

**APEX, HONDA, North America Torrance, CA, USA & Offshore**

**Application .Net Developer Aug 2010 – Jun 2013**

* Used Telerik RAD controls for developing user interface.
* Developed complex SQL stored procedures and triggers for performing data transactions.
* Implemented ILOG rules.
* Design using rational modeler, Development and Unit Testing.
* Developed entity framework style code using n-Hibernate and Spring.NET frameworks.
* Developed and consumed many interoperable web services using SOAP based Windows Communication Foundation (**WCF**) for sending.
* Leveraged **Agile** accommodate ever changing requirements.
* Improved usability and user interface responsiveness using **AJAX.NET**.

**Responsibilities**: Coordinating with multiple stakeholders, client interfacing and communication, requirement gathering, analysis, design, coding, code review, testing, configuration management, estimation.

**Environment:** ASP.NET, C#.NET, Web Form application, WCF web services, LINQ, Entity Framework, Microsoft SQL Server 2008R2, Crystal Reports. AJAX, jQuery, HTML, XML, XSLT, JavaScript, CSS, Enterprise Library, ADO.NET, IBM Rational Clear Case.

**QRYSTAL, Qatar Airways, Qatar Bangalore, India**

**Senior .Net Developer Feb 2010 – Aug 2010**

* Designed and architected authentication module and direct operating cost modules independently.
* Implemented WCF for serialization between the smart client and Data base as a separate layer for the application with business logic and data access layers being designed on the WCF side.
* Developed tool to generate the code files for data contracts, service contracts, and data access control and business classes.
* Developed SOAP based Windows Communication Foundation (**WCF**).
* Leveraged **Agile** to accommodate ever changing requirements.
* Used Visual Source safe extensively for version control of the source code along with the maintenance of the builds and the relevant documents of the same.

**Responsibilities**: Coordinating with multiple stakeholders, client interfacing and communication, requirement gathering, analysis, design, coding, code review, testing, configuration management, estimation.

**Environment**: Infragistics, C#.NET, Visual Studio.Net 2008, .Net Framework 3.5, Win Form application, WCF web services, WCF, LINQ, Microsoft SQL Server 2005, Enterprise Library, ADO.NET.

**IDB, Guardian Life Insurance Corporation USA Bangalore, India**

**Senior .Net Developer Oct 2008 – Feb 2010**

* Designed and implemented WCF for serialization between the smart client and Data base as a separate layer for the application with business logic and data access layers being designed on the WCF side.
* Took over acting role of leadership of development as lead developer and mentored junior developers.
* Achieved **35% performance improvements** by applying **optimization** techniques on database.
* Developed tool to generate the code files for data contracts, service contracts, and data access control and business classes.
* Used Infragistics plugin controls library and tailored to use in the user interface windows application to represent complex business data, reports and graphs as per business requirements.
* Implemented and maintained complex business logic in SQL procedures.
* Leveraged .Net features such as LINQ, Lambda Expressions heavily while building the windows-based application.

**Responsibilities**: Coordinating with multiple stakeholders, client interfacing and communication, requirement gathering, analysis, design, coding, code review, testing, configuration management, estimation.

**Environment**: Microsoft.NET Framework 3.5, C#.NET, Composite Application Blocks, WCF web services, Microsoft SQL Server 2005, ADO.NET, Power Builder, Visual Source Safe, SSRS.

**RCR, Emirates Airlines Dubai, UAE**

**.Net Developer Apr 2008 – Sep 2008**

* Implemented 3-tier architecture with business logic and data access layers being designed on the Web Services side.
* Used Java Script extensively for client-side validation.
* Implemented the prototype for the application functionality.
* Designed and coded custom controls for latest .Net framework then.
* Involved in writing unit test plan and unit testing for the application.
* Designing and freezing the database in Oracle and writing procedures, packages and synonyms.
* Defined coding standards for .Net as well as SQL programming.
* Involved in suggesting GUI design, implementing the same and server-side coding.
* Conducted effective independent reviews and integration testing.

**Responsibilities**: Coordinating with multiple stakeholders, client interfacing and communication, requirement gathering, analysis, design, coding, code review, testing, configuration management, estimation.

**Environment**: ASP.NET, VB.NET, C#.NET, Oracle 8, Web services (ASMX), Microsoft SQL Server 2005, HTML, JavaScript, CSS, ADO.NET, Microsoft Visual Source Safe.

**Swepps, Arcelor Steel Germany Hyderabad, India**

**.Net Developer Apr 2007 – Mar 2008**

* Implemented the Object-Oriented programming concepts in C#.
* Implemented the Windows Communication Foundation (WCF) of .Net framework 3.0 for the components being developed and tested for communication between servers and clients across distributed workstations.
* Analyzed and implemented program and user interface enhancements that led to overall product improvement, increased user efficiency and productivity, and enhanced system security.
* Written complex procedures, function and triggers to implement business logic.
* Conduct regular reviews of team members’ code and run quality assurance tests, prior to program implementation.

**Responsibilities**: Requirement analysis, design, coding, code review, testing, configuration management.

**Environment**: .NET Framework 3.0, C#.NET, Microsoft SQL Server 2005, ADO.NET, Microsoft Visual Source Safe.

**CMS, Mashreq Bank UAE Bangalore, India**

**.Net Developer Sep 2006 – Apr 2007**

* Implemented the Object-Oriented programming concepts in C#.
* Designed and developed modules like General Collateral, Credit Proposal Entry, Risk Management settings, and Permission management.
* Implemented security features using ASP.NET authentication, authorization and impersonation features.
* SQL server was used for storing Stored Procedures, Views and functions.
* Extensive use of Dataset, Typed Dataset, Data reader, Data adapter.
* Extensive Use of Session Management, View state, State server, Data grid, Data list, Calendar control and other web controls.
* Handled exception, logging and security using SQL triggers.
* Conduct regular reviews of team members’ code and run quality assurance tests, prior to program implementation.
* Developed core .Net data access layer, exception handling, and specified business components as to handle the business rules for the web site.

**Responsibilities**: Requirement analysis, design, coding, code review, testing, configuration management.

**Environment**: .NET Framework 2.0, C#.NET, Windows Services Foundation (WCF), Microsoft SQL Server 2005, ADO.NET, Microsoft Visual Source Safe.

**UA, Mashreq Bank UAE Bangalore, India**

**.Net Developer Feb 2006 – Sep 2006**

* Developed core .Net data access layer, exception handling, and specified business components as to handle the business rules for the web site.
* Developed/designed all tables and relationships in SQL Server 2000; wrote stored procedures and user-defined functions to support data retrieval.
* Used Form and windows-based authentication.
* Used ASP.NET Authentication, Authorization, and Impersonation.
* Extensive Use of ADO.NET.
* Used Connection based transaction.
* Extensive use of Dataset, Typed Dataset, Data reader, Data adapter.
* Used multithreading for logging and mailing the admin details representing a company.
* Extensive Use of C# classes, components and inheritance.
* Extensive Use of Session Management, View state, State server (using SQL Server).
* Extensive Use of JavaScript for validating the users input.
* Extensive use of Data grid, Data list, Calendar control and other web controls.

**Responsibilities**: Requirement analysis, design, coding, code review, testing, configuration management.

**Environment**: .NET Framework 2.0, C#.NET, Windows Services Foundation (WCF), Microsoft SQL Server 2005, ADO.NET, Microsoft Visual Source Safe.

**HMO, Australian Social Website Bangalore, India**

**.Net Developer Oct 2005 – Feb 2006**

* Analysis, Design & Development of the Architecture.
* Developed entity components for all business logic in C#.
* Implemented security features using ASP.NET authentication, authorization and impersonation features.
* Involved in Integration testing.
* SQL server was used for storing Stored Procedures, Views and functions.
* Written complex procedures in SQL 2000, function and triggers to implement business logic
* Used ADO.Net and Data grid for data manipulation.
* Extensive use of ADO.Net, DataGrid, Dataset, Typed Dataset, Data reader, Data adapter for data manipulation.
* Designed and developed ASP.NET User Controls.
* Used ASP.NET Validators for validating the personal information provided by the Customer.
* Interacted with customer to get the feedback upon the partial releases of the web application and implemented the change requests with hot fixes.

**Responsibilities**: Requirement analysis, design, coding, code review, testing, configuration management.

**Environment**: .NET Framework 1.1, C#.NET, Windows Services Foundation (WCF), Microsoft SQL Server 2005, ADO.NET, Microsoft Visual Source Safe.

**Acer Channel Network Bangalore, India**

**.Net Developer Feb 2005 – Oct 2005**

* As a developer analyzed, designed, implemented, tested and documented web-based application using ASP.NET, VB.NET, ADO.NET, Java-Script, DHTML, SQL, CSS, IIS, VS.NET, and VSS.
* Involved in gathering requirements and translating customer specification documents into technical specification documents.
* Involved in design, analyze the problem domain.
* Examined the detailed system objectives and scope, and the resolution of major risks.
* Involved in preparing entity relationship, and data flow diagrams and flow charts.
* Worked extensively with Web Forms, Server (Web/HTML) and Data Binding controls.
* Implemented validation using validation controls and JavaScript.
* Developed data driven web pages using ASP.NET, Vb.NET and ADO. NET.
* Involved in developing and optimizing SQL queries.
* Involved in deploying the application into production environment, fixed the bugs arise that require additional development to adjust the system, corrected some undetected problems.
* Interacted with customer to get the feedback upon the partial releases of the web application and implemented the change requests with hot fixes.

**Responsibilities**: Requirement analysis, design, coding, code review, testing, configuration management.

**Environment**: .NET Framework 1.1, C#.NET, Microsoft SQL Server 2000, ADO.NET, Microsoft Visual Source Safe.

**Eagle Global Logistics Bangalore, India**

**.Net Developer Aug 2004 – Jan 2005**

* Involved in System Analysis and Design of the application.
* Developed the required GUI using HTML and ASP.
* Used ADO to communicate with the Data Layer.
* Involved in normalizing the SQL Server Database.
* Created Stored Procedures and triggers.
* Involved in Coding, System testing and generating reports using Visual Basic Reports.
* Participated in code review sessions.

**Responsibilities**: Requirement analysis, design, coding, code review, testing, configuration management.

**Environment**: .NET Framework 1.0, VB.NET, Microsoft SQL Server 2000, ADO.NET, Microsoft Visual Source Safe.

**Hindustan Lever Ltd, India Bangalore, India**

**.Net Developer Apr 2004 – Aug 2004**

* Involved in System Analysis and Design of the application.
* Developed the required GUI using HTML and ASP.Net. Used ADO to communicate with the Data Layer.
* Involved in normalizing the SQL Server Database. Participated in code review sessions
* Created Stored Procedures and triggers.
* Involved in Coding, System testing and generating reports using Visual Basic Reports.

**Responsibilities**: Requirement analysis, GUI design, coding, code review, testing, configuration management.

**Environment**: .NET Framework 1.0, C#.NET, Microsoft SQL Server 2000, ADO.NET, Microsoft Visual Source Safe, IIS 5.0, Java Script.