

Madhuri Korke

Software Developer

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Summary

Software Developer with 2.5+ years of experience in designing and building efficient, scalable, and user-friendly web applications using ASP.NET MVC, .NET Core, C#, ADO.NET, Entity Framework, LINQ, and SQL Server. I work confidently across both backend and frontend, with hands-on skills in HTML, CSS, JavaScript, jQuery, Bootstrap, and Angular. I have experience creating and integrating RESTful APIs, optimizing application performance, improving database queries, and delivering clean, maintainable code. I enjoy working in Agile teams, solving complex problems, and consistently contributing to smooth project delivery and team growth.

Skills

Programming Languages:	C#
Web Technologies:	HTML, CSS, JavaScript, JSON, jQuery, AJAX, Bootstrap, Angular
Backend Technologies:	ADO.NET, WinForms, ASP.NET, ASP.NET MVC, .NET Core, Web API, Entity Framework, LINQ, Web Services, Design Patterns, Dependency Injection, RESTful APIs,
Database:	Microsoft SQL Server, MySQL
Development Tools:	Microsoft Visual Studio, MS Visual Studio, Git, GitHub, CI/CD Pipelines
Soft Skills:	Communication, Team Collaboration, Problem Solving

Experience

Software Developer | Gaya Software & Technology

📅 July 2023 – Present

Roles & Responsibilities

- Participated actively in the entire Software Development Life Cycle (SDLC), especially in development and testing phases, ensuring timely delivery aligned with client expectations.
- Applied Object-Oriented Programming (OOP) principles such as encapsulation, inheritance, polymorphism, and abstraction to develop modular and reusable components.
- Designed, developed, and maintained web applications using ASP.NET Web Forms, MVC, and C#.NET, integrating frontend and backend systems efficiently.
- Handled authentication and authorization using Filters in MVC to ensure secure access control.
- Engineered application architecture using the Model-View-Controller (MVC 4.0) pattern to achieve separation of concerns and scalable system design.
- Designed and optimized database schemas, tables, stored procedures, functions, triggers, and indexes for improved performance and reliability.
- Ensured data integrity and performance optimization through proper indexing, query tuning, and normalization techniques.
- Developed and maintained complex SQL queries and joins to support various application modules.
- Worked extensively with Entity Framework and LINQ to streamline database interactions and improve application performance.
- Designed and developed responsive, dynamic, and user-friendly web interfaces using HTML, CSS, Bootstrap, and JavaScript frameworks.
- Implemented AJAX-based asynchronous data loading to enhance page responsiveness and user experience.
- Implemented client-side validations using JavaScript, jQuery, and Data Annotations to ensure data accuracy and smooth user interactions.
- Integrated third-party APIs and external services to extend application functionality and improve overall system capabilities.

Projects

EmpowerEduERP

Role: Team Member

Technology: C#, ASP.Net MVC, HTML, CSS, Bootstrap, jQuery, JSON, JavaScript, AJAX, MS SQL Server, Angular.

- Development of a web-based ERP system covering academic, administrative, and financial modules.
- Built Admin Module to manage admissions, courses, fees, attendance, exams, payroll, and infrastructure.
- Implemented leave/salary structures, fund transfers, and policy management to streamline HR and finance tasks.
- Integrated Email/SMS notifications, announcements, and contact management for effective communication.
- Designed dashboards and analytical reports to improve decision-making and transparency.
- Reduced manual workload by automating repetitive academic and administrative processes.

GSTTickVibe

Role: Team Member

Technology: C#, ASP.Net MVC, HTML, CSS, Bootstrap, jQuery, JSON, JavaScript, AJAX, MS SQL Server.

- Built ticketing modules for creation, assignment, and tracking using ASP.NET MVC and SQL Server
- Implemented secure role-based authentication and authorization for controlled user access.
- Designed responsive UI using Bootstrap, jQuery, and AJAX to deliver smooth, reload-free interactions.
- Optimized database schema and queries to improve data handling speed and overall performance.
- Developed dashboards and reports for Admin and Team Leads to monitor ticket progress and team activity.
- Ensured proper data validation and exception handling for stable and reliable ticket operations.

GayaLedgerX

Role: Team Member

Technology: C#, WinForms, ADO.NET, LINQ, MS SQL Server.

- Built a complete accounting solution to manage billing, sales, purchases, returns, expenses, and inventory.
- Developed purchase and sales modules with invoices, quotations, payments, orders, and returns.
- Integrated bank and cash management, including cheques, loans, and EMI tracking for smoother workflows.
- Automated invoice generation, payments, and account management to reduce manual work and improve efficiency.
- Designed dashboards and detailed financial reports to support real-time analysis and informed decision-making.
- Improved financial accuracy and significantly reduced reporting time through effective system automation.
- Implemented user roles and permissions to ensure secure, controlled, and compliant financial operations.

Education

Bachelor of Engineering | Savitribai Phule Pune University
CGPA: 7.7

 2023

Declaration

I affirm that the details provided in this resume are accurate and complete to the best of my knowledge and belief.