

Divyansh

Software Developer | Full Stack Developer | ASP.NET, C#, SQL

Surrey, BC | +1 (905) 325-5148 | divyansh9030@gmail.com

[LinkedIn](#) | [GitHub](#)

OBJECTIVE

Self-taught and project-driven software developer with a diploma in Computer Engineering. Experienced in developing real-world ASP.NET applications and RESTful APIs. Passionate about writing clean, maintainable code and building scalable solutions. Seeking an entry-level developer role to apply my skills in a collaborative and growth-oriented environment.

PROJECT EXPERIENCE

CRM Web Application – Niagara Industrial Association

Jan 2025 – Apr 2025

Technologies: ASP.NET Framework, C#, SQL Server

- Led a final-year capstone project sponsored by the Niagara Industrial Association, a local community organization.
- Designed and developed a custom CRM system to efficiently manage members, contacts, sales opportunities, and reporting workflows.
- Implemented lead tracking, user authentication, and interactive data visualization using ASP.NET MVC and SQL Server.
- Integrated a real-time email system to send notifications and reminders directly to members and staff.
- Delivered a solution that improved organizational efficiency and supported community engagement.

NCR Tracking System

Sep 2024 – Dec 2024

Technologies: ASP.NET Core, HTML, CSS, JavaScript

- Led the development team to create a web application for managing Non-Conformance Reports (NCRs) across QA, Engineering, and Purchasing departments.
- Streamlined workflows with intuitive dashboards and forms for real-time defect tracking, status updates, and audit-ready reporting.
- Implemented an in-built notification system to automatically send alerts to the next department when reports are updated, ensuring smooth handoffs and timely responses.

Gym Management System

Sep 2024 – Dec 2024

Technologies: ASP.NET Framework, SQLite, C#

- Developed a comprehensive gym management application managing client accounts, trainer assignments, and health records.
- Implemented full CRUD operations for seamless management of client and trainer data.
- Integrated a real-time email system to send notifications and appointment reminders directly to clients and staff.

- Used SQLite for lightweight and efficient data storage.
- Ensured secure data handling and optimized workflows for daily operations.

TECHNICAL SKILLS

Languages:

- **C#**: Backend development, API design
- **Python**: Scripting, automation, algorithmic problem solving
- **SQL**: Writing complex queries, stored procedures, indexing

Currently Learning: React, MongoDB, Tailwind CSS, Three.js

Frameworks:

- **ASP.NET MVC**: Dynamic, data-driven web apps
- **ASP.NET Core**: Lightweight RESTful APIs and web apps
- **Entity Framework Core**: ORM using code-first and database-first

Web Development:

- **HTML5, CSS3**: Responsive, semantic UI design
- **JavaScript**: Client-side interactivity and validation
- **Razor Pages**: Clean, embedded C# views

Databases:

- **SQL Server**: Schema design, migrations, query optimization
- **MySQL**: Open-source database for personal projects

APIs & Tools:

- **RESTful APIs**: Design, routing, middleware, HTTP methods
- **Postman**: API testing and validation
- **Swagger (OpenAPI)**: API documentation and testing UI
- **Git & GitHub**: Version control and collaboration
- **Visual Studio**: Development and debugging environment

Core Concepts & Practices:

- MVC architecture for scalability and maintainability
 - OOP principles including inheritance, encapsulation, polymorphism
 - CRUD operations across UI and API layers
 - Authentication & Authorization using JWT and role-based access control
 - JSON for API data exchange
 - Agile workflows: sprint planning, standups, retrospectives
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EDUCATION

Diploma in Computer Programming

Niagara College, Welland, ON, Canada

Jan 2024 – Apr 2025

TEAM & COLLABORATION EXPERIENCE

- Led final-year capstone teams, managing task distribution and technical guidance.
- Collaborated with professors and mentors to meet real-world client and academic goals.
- Practiced agile methodologies for effective team communication and progress tracking.
- Actively contributed to GitHub collaboration: branch management, code reviews, conflict resolution.
- Fostered an open, supportive team environment for problem-solving and code quality improvement.
- Balanced project deadlines with quality assurance through thorough testing and review.