Divyansh

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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 - Stellar Co.   *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 – Stellar Co.   *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 - **Personal Project**   *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.

Summer Games WebAPI + Client – Personal Project   *Jan 2025 – Feb 2025*

Technologies: RESTful API, SQLite, C#

- Created a RESTful API to store and retrieve Olympic/summer games data.
- Developed a client app to interact with the API, including filtering, searching, and CRUD operations for events and athletes.

Spotify Clone App – Personal Project   *Ongoing*

Technologies: RESTful API, SQLite, C#

- Built a full-stack music streaming web app serving as an online song library with playlist support.
- Developed backend APIs and frontend UI to manage tracks, playback state, playlists, and artist information using .NET Core and JavaScript.

TECHNICAL SKILLS

Languages:

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

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

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.