

SOURAV CHOUDHARY

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SUMMARY

Full Stack .NET Engineer with 2+ years of experience designing, developing, and maintaining production-grade .NET applications across desktop, web, and mobile platforms. Strong expertise in C#, .NET Core, ASP.NET Core Web API/MVC, Entity Framework Core, and cross-platform UI frameworks. Proven ability to translate high-level product requirements into scalable technical solutions, own features end-to-end, and deliver clean, testable, and well-documented code. Experienced working with CI/CD pipelines, cloud services, RESTful APIs, and secure application design in Agile environments.

WORK EXPERIENCE

QServices Inc. | .NET Engineer

Aug 2024 - Present

- Designed and developed scalable .NET Core backend services using ASP.NET Core Web API and Minimal APIs to support mobile and enterprise applications.
- Implemented Entity Framework Core for data access, schema migrations, and optimized queries.
- Developed secure RESTful APIs for configuration management, user authentication,
- Applied async/await patterns to improve application responsiveness and performance.
- Actively participated in code reviews, refactoring sessions, and enforcing coding standards.
- Collaborated with product managers and QA teams to refine requirements and deliver stable releases

Key Project Experience

3Ssite: <http://3srowingcoach.com/> **Rowing Sport**

3Ssite: <https://training.supersportsystems.com/> **Swimming Sport**

Tech Stack: Angular, ASP.NET Web API, C#, Entity Framework, SQL Server, REST APIs

About: 3S Site is a high-performance training analytics platform used by Olympic athletes, professional players, and elite coaches to design and optimize personalized workout programs.

The system is built in collaboration with a sports scientist and generates athlete-specific training plans using confidential, proprietary formulas based on sport type, intensity zones, physiological parameters, and performance metrics.

The platform supports real-world coaching workflows and is used for planning, execution analysis, and performance optimization at an international level.

My Responsibilities:

- Designed and developed RESTful APIs using ASP.NET Core Web API to power athlete workout generation, scheduling, and analytics.
- Built and optimized SQL Server schemas, stored procedures, and queries for complex training, session, and performance data.
- Implemented Angular-based frontend integrations to consume APIs and display dynamic workout plans, zone distributions, and performance metrics.
- Translated sports science formulas and domain logic into secure, production-ready backend code while protecting confidential calculation models.
- Handled high-precision numeric calculations (training volumes, zone percentages, intensity distributions) with accuracy and performance in mind.
- Implemented role-based access and data isolation to ensure athlete and coach data confidentiality.
- Collaborated directly with sports scientists and domain experts to validate training logic and ensure scientific correctness.
- Ensured scalability and maintainability of APIs used by multiple athletes and coaching teams simultaneously.
- Debugged and optimized calculation pipelines to ensure consistent and deterministic workout outputs across different scenarios.

Odenza Vacations: <https://www.odenzavacations.com/>

Tech Stack: ASP.NET Core MVC, C#, Entity Framework, SQL Server, REST APIs

About: Odenza Vacations is a commercial travel booking platform that enables users to search, compare, and book hotels and tour packages through real-time integrations with external travel service providers.

The platform aggregates hotel inventory, pricing, availability, and tour details from third-party APIs (including hotel bed systems) and presents them through a unified booking experience.

The system is designed to handle dynamic pricing, availability changes, and high-volume data synchronization, supporting real-world travel booking workflows.

My Responsibilities:

- Developed and maintained the application using ASP.NET Core MVC following a layered architecture.
- Integrated external travel APIs to fetch hotel details, room availability, pricing, images, and tour package information.
- Implemented and enhanced HotelBeds-related functionality, including:
 - Hotel search and filtering
 - Availability and rate handling
 - Data mapping between third-party APIs and internal domain models
- Designed and optimized SQL Server database structures for storing hotel, tour, booking, and user-related data.
- Added new booking features and enhancements without breaking existing production flows.
- Handled API data normalization, validation, and error handling for unreliable or inconsistent third-party responses.
- Improved system stability by managing timeouts, API failures, and fallback scenarios.
- Collaborated with stakeholders to understand travel-domain requirements and translate them into technical solutions.
- Ensured secure handling of booking and customer data within the application.

WeGoDoo: <https://wegodoo.com/>

Tech Stack: ASP.NET, C#, jQuery, JavaScript, HTML, CSS, SQL Server, REST APIs

Category: Productivity / Task & Collaboration Management System

About: WeGoDoo is a web-based task management and collaboration platform designed to help teams plan, assign, track, and manage work efficiently through a centralized system.

A key differentiator of the platform is its offline-first capability, allowing users to create, update, and manage tasks without an active internet connection. All changes are automatically synchronized with the central database once connectivity is restored, ensuring data consistency and uninterrupted workflows for distributed teams.

The system supports both online and offline modes and is used for real-world project and task coordination.

My Responsibilities:

- Developed and maintained the application using ASP.NET and C# for core business logic.
- Implemented offline-first functionality, enabling task creation and updates while offline with automatic data synchronization upon internet reconnection.
- Designed and built backend logic for task creation, assignment, status tracking, and activity logging.
- Built and consumed REST APIs for secure data exchange between frontend and backend systems.
- Implemented dynamic and responsive user interfaces using jQuery, JavaScript, HTML, and CSS.
- Used Entity Framework for database access, schema management, and transactional data operations.
- Designed and optimized SQL Server queries, stored procedures, and indexes for performance.
- Implemented role-based access control and secure authentication mechanisms.
- Integrated notification and activity tracking features for task updates and user actions.
- Assisted with testing, bug fixing, performance optimization, and production support.

EDUCATION

Professional Training in .NET, MEAN, and MERN Stack Development

CS Infotech — 6-Month Program

Gained hands-on experience in full-stack development, building REST APIs, and working with modern web technologies.

MBA(ITSM) | (NMIMS) | 2022-2024

Information Technology and Systems Management

Focused on IT project management, systems analysis, agile methodologies, and leadership in technology-driven projects.

Bachelor of Science (HPU) | (2019-2022)

KEY SKILLS

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| <ul style="list-style-type: none">• ASP.NET Core Web API & MVC (C#)• REST API Design & Integration• Entity Framework Core• SQL Server (Schema Design, Query Optimization, Stored Procedures)• Angular & TypeScript | <ul style="list-style-type: none">• Problem solving.• Complex Problem Solving.• Attention to details.• Fluent in English. |
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