

# SUMIT KHATRI

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## .Net Developer

Experienced .NET developer with a track record of building clean, scalable, and user-focused web applications using ASP.NET Core, Blazor, and SQL Server. Recently completed a freelance project for Rosebud School (2025), delivering a full-stack solution with React.js and .NET Core. With two years of hands-on experience in hospital management systems, I have sharpened my attention to detail and problem-solving skills, especially in fast-paced.

### PROFESSIONAL EXPERIENCE

**Contract Full Stack .Net developer** | RoseBud School - , Vancouver, Canada

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02/2024 –

/2025

- Applied Agile methodology, collaborating with stakeholders gathering requirements to develop user stories and deliver incremental features.
- Designed and developed SQL server, hosted on a Remote Desktop (RDP hosting).
- Collaborated in a Scrum team, participating in sprint planning, daily stand-ups, and peer code reviews.
- Implemented .NET Core to secure RESTful API, handling students, parents, and teachers' interaction.
- Implemented Redis insight to cache, real-time monitoring, and optimize memory usage.
- Integrated JWT for authentication and authorization, ensuring data protection.
- Delivered a complete production system and concluded the contract after successful deployment.

**.Net developer** | Learntech, Kathmandu,Nepal

03/2021 – 08/2023

- Developed and maintained web applications for a Hospital Management System using .NET Core 7 and Microservices Architecture, reducing overall system downtime.
- Applied design patterns (Repository, Singleton, Dependency Injection) to build maintainable, scalable architecture.
- Developed and maintained T-SQL (Transact-SQL), maintaining a database-based approach.
- Developed interactive, reusable UI for hospital staff using Blazor WebAssembly,MVC and Blazor Server, improving user engagement and reducing page load times.
- Integrated SignalR for real-time features such as live notifications and updates across modules, improving responsiveness and user experience
- Integrated JWT-based authentication using C class library, strengthening role-based access control and securing Data across microservices.

**.NET Intern** | Metacept Inc Pvt Ltd, Kathmandu, Nepal

11/2020 – 02/2021

- Assisted in the development and maintenance of web applications using .NET Core 7 and ASP.NET Core Web API, contributing to improved system functionality and user experience.
- Designed and implemented 5+ RESTful APIs for data retrieval and processing, reducing system response time by 20%.
- Utilized Entity Framework Core to optimize database interactions, enhancing query performance and data access efficiency.

- Collaborated with senior developers to implement the Repository Pattern, minimizing code redundancy and improving long-term maintainability.

## SKILLS

C | C# | JavaScript | TypeScript | Python | SQL | React.js | Blazor WebAssembly | MVC | .NET Framework | .NET Core | ASP.NET Core | Node.js | Express.js | SQL Server | MongoDB (Mongoose) | Dapper | T-SQL (Transact-SQL) | PostgreSQL | Entity Framework | AWS | Azure | Docker | Microservices Architecture | CI/CD pipelines (Jenkins, Azure DevOps) | JWT Authentication | Git | Tortoise SVN | Machine Learning | Deep Learning | IIS Hosting | Agile (Scrum, User Stories) Projects | REST API

### Real-Time Collaboration Platform (React.js, .NET Core Web API, SignalR, Azure, SQL Server)

2024

- Built a team collaboration platform with real-time chat, notifications, and file sharing using SignalR and React.js.
- Integrated JWT authentication and Identity for secure user login and role-based access.
- Deployed the system on Azure Cloud with automated CI/CD pipelines, ensuring smooth updates and reliable performance.
- Tuned SQL queries with Dapper ORM to handle data efficiently, ensuring smooth performance during group conversations and file transfers.

### Full stack ecommerce web application (FYP)

2022

- Built a full-stack e-commerce platform with React.js frontend and .NET Core MVC backend, featuring product catalog, cart, and secure checkout.
- Integrated Dapper ORM for efficient database operations and implemented real-time order tracking with SignalR.
- Designed and optimized RESTful APIs with role-based authentication, ensuring scalability, security, and performance.
- Applied Agile practices, CI/CD pipelines, and unit testing to deliver reliable and maintainable software.

## EDUCATION

**MASTER OF BUSINESS ADMINISTRATION** | University Canada West, Vancouver, BC

**BACHELOR OF COMPUTER SCIENCE** | Islington College, Kathmandu, Nepal

## CERTIFICATION

- **Google IT Support Professional Certificate** | Coursera 2025