Samyam Subedi *Full stack Developer*

 Samyam Subedi   samyam081@gmail.com   +977 9843999347   kathmandu, Nepal

Profile

Results-driven Full Stack Developer specializing in **.NET Core and React,** with **hands-on experience in the finance technology sector**. Successfully contributed to multi-tenant CMS platforms and real-time banking applications, optimizing SQL performance and implementing robust state management solutions. Skilled in bridging backend and frontend development while maintaining high standards for **security, scalability, and user experience**.

Professional Experience

Full Stack Developer | Digital Age Nepal (Finance Technology) | July 2025 - Present
*Backend Development (.NET Core)*

- Architect and maintain .NET Core applications using C# with **repository and unit of work patterns**, ensuring clean, modular, and testable code architecture across financial systems
- Optimize SQL queries and stored procedures for high-volume banking operations, improving database performance and **ensuring 99.9% uptime in live production environments**
- Design and implement multi-tenant architecture for cooperative organizations, **enabling secure data isolation and seamless onboarding for 50+ institutional clients**
- Manage critical financial workflows in production banking databases, maintaining strict compliance with security standards and data accuracy requirements

Frontend Development (React/TypeScript)

- Build real-time, bidirectional communication systems using **WebSockets and TypeScript APIs**, delivering instant notifications and live data streaming for concurrent users
- Integrate WebSocket events with React components using Zustand for state management and TanStack Query for efficient caching, **reducing API calls by 60%**
- Implement type-safe data validation using Zod schemas, eliminating runtime errors and ensuring data integrity across real-time financial transactions
- Develop **production-grade WebSocket connection** handling with automatic reconnection logic and comprehensive error recovery mechanisms
- Create responsive UIs with React Hook Form, Tailwind CSS, and Framer Motion, improving user engagement and *reducing form submission errors by 35%*

Full Stack .NET Developer | Aster Innovations | November 2024 - June 2025

- Developed scalable .NET applications (C#, .NET Core) with SQL Server, implementing Entity Framework for efficient data access and automated database migrations across **8+ client projects**
- Designed and built RESTful APIs with comprehensive documentation, enabling seamless integration for React and Blazor front-end applications
- Architected multi-tenant CMS platform with role-based access control, content versioning, and **multilingual support (EN, NE, NL), serving 20+ organizations**
- Collaborated with UI/UX teams to implement reusable React and Blazor components, **reducing development time by 40%** and ensuring consistent user experiences
- Applied **Agile/Scrum methodologies** and Git workflows, conducting peer code reviews
- Ensured application security and performance through clean coding standards, implementing authentication/authorization with ASP.NET Core Identity

Skills

Backend Development
- **Languages:** C#, JavaScript, TypeScript, SQL
- **Frameworks & Technologies:** .NET Core, ASP.NET ⧉ Core, Entity Framework Core, REST API Design
- **Architecture Patterns:** Repository Pattern, Unit of Work, Clean Architecture, Multi-Tenant Systems
- **Authentication & Security:** ASP.NET ⧉ Core Identity, Role-Based Access Control (RBAC), JWT

Frontend Development
- **Frameworks & Libraries:** React (SPA), Blazor, TypeScript
- **State Management:** Zustand, TanStack Query (React Query), SWR
- **UI Frameworks:** Tailwind CSS, Bootstrap, Kendo UI, jQuery
- **Form Handling:** React Hook Form, Zod (validation)
- **Animation & Interactivity:** Framer Motion
- **Real-Time Communication:** WebSockets

Database & Performance
- **Database Systems:** MS SQL Server
- **Skills:** Query Optimization, Stored Procedures, Database Migrations, Indexing
- **ORM:** Entity Framework Core

DevOps & Tools
- **Version Control:** Git, GitHub
- **Containerization:** Docker
- **Project Management:** Jira, Agile/Scrum Methodology
- **API Documentation:** Swagger/OpenAPI

Education

B.Sc. CSIT   2021 – Present
Patan Multiple Campus, Tribhuvan University   Expected April 2026
                                                   (Final Semester)