RITIKA MAHARJAN

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Professional Summary

Backend Developer specializing in C# and ASP.NET Core with professional experience in developing and maintaining RESTful APIs and backend business logic. Experienced in Dapper, SQL Server, stored procedures, JWT authentication, and database operations. Skilled in implementing API integrations, debugging production issues, and maintaining existing application architectures. Capable of independently handling backend modules, troubleshooting issues, and developing maintainable and optimized solutions.

Technical Skills

Programming:	C#, SQL, JavaScript
Backend:	ASP.NET Core, .NET 9, Web API , Node.js, Express.js
Database:	Microsoft SQL Server, MongoDb
Data Access:	Dapper, ADO.NET
Authentication:	JWT, Authentication, Authorization
API Development:	API Versioning, Validation, Error Handling, SSE
Tools:	Visual Studio, Git, GitHub, Postman, Swagger
Concepts:	OOP, Debugging, Database Optimization, API Integration

Professional Experience

Jr. Developer (Backend) **June 2026 – Present**
Global Square *Nepal*

- Develop and maintain RESTful APIs using C# and ASP.NET Core for existing business applications.
- Implement backend business logic and database operations using Dapper and Microsoft SQL Server stored procedures.
- Work on authentication, authorization, API validation, encryption/decryption, and error handling.
- Develop and maintain backend functionality for the Hoslog platform, including customer and administrative modules.
- Implement Server-Sent Events (SSE) for notification and recommendation functionality, enabling real-time updates without repeated API polling.
- Debug and troubleshoot application issues, investigate database operations, and maintain existing application coding standards.
- Collaborate with team members to integrate backend APIs with frontend applications.

Trainee (Backend Developer) **December 2025 – June 2026**
Global Square *Nepal*

- Worked on backend development using C# and ASP.NET Core.
- Contributed on the project Human Resource Management System(HRMS) using clean architecture.
- Developed and maintained REST APIs and SQL Server stored procedures.
- Gained experience in debugging, database operations, and application maintenance.

Backend Developer Intern **September 2025 – December 2025**
Global Square *Nepal*

- Contributed to backend development of the Tapaiko Bazar e-commerce platform.
- Assisted in developing REST APIs and implementing database operations.
- Worked with ASP.NET Core, Dapper, SQL Server, and JWT authentication.

Projects

Hoslog – Customer and Admin Platform *ASP.NET Core, C#, Dapper, SQL Server*

- Worked on customer and administrative backend modules, including API development and maintenance.
- Implemented recommendation management, customer summary, referral flow, ratings, and review retrieval functionality.
- Developed and modified SQL Server stored procedures to support business requirements.
- Implemented review rotation and data retrieval logic while maintaining existing application structure.

Human Resource Management System (HRMS) *ASP.NET Core, C#, SQL Server, Dapper*

- Explored and worked with clean architecture for HRMS functionality.
- Worked with employee management, department, authentication, and database-related functionality.
- Implemented and explored separation of application, domain, and infrastructure responsibilities.

Tapaiko Bazar – E-commerce Platform *ASP.NET Core 9, C#, Dapper, SQL Server, JWT*

- Contributed to backend development of an e-commerce platform using ASP.NET Core and SQL Server.
- Developed REST APIs and implemented database operations using Dapper and stored procedures.
- Worked on authentication, authorization, and backend functionality for customer and admin modules.
- Integrated eSewa payment functionality with the backend application.

NayaMat - Real-Time Digital Voting System *MongoDB, Express.js, React.js, Node.js*

- Developed a digital voting platform using the MERN stack.
- Implemented voter registration and login functionality.
- Developed an admin panel for election management.
- Implemented one-person-one-vote validation to prevent duplicate voting.
- Integrated live vote counting and result visualization.

Student Performance Prediction System *MERN stack, ID3 Decision Tree, Random Forest*

- Developed a student performance prediction system using the MERN stack.
- Implemented machine learning algorithms, including ID3 Decision Tree and Random Forest, to predict student academic performance.
- Integrated the prediction functionality with the web application to display prediction results.
- Used MongoDB to store student-related data and React.js to build the user interface.

Education

Bachelor of Science in Computer Science and Information Technology (B.Sc. CSIT) **Completed**
National College of Computer Studies *Kathmandu, Nepal*

Higher Secondary Education(Grade 12 **Completed**
Prime College *Kathmandu, Nepal*

Languages

Nepali | English | Nepal Bhasa | Hindi