
Aashish Timsina

Backend Developer | Backend Developer Specialist

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About Me

With 1.5 years of experience, I've successfully delivered **8+ projects**, focusing on backend development using **MongoDB, MySQL, Express.js**, and **Node.js**. I specialize in building scalable, efficient, and secure systems tailored for large enterprises. Passionate about leveraging technology to solve complex challenges, I excel in developing reliable backend solutions.

Professional Experience

Backend Developer

LEAFFROG FÖRVALTNING AB (2023 – 2024) | Remote

- Built scalable backend systems with **MongoDB, MySQL, Express.js**, and **Node.js**.
- Optimized system performance, reducing API latency by 35%.
- Designed and implemented secure APIs with robust authentication and data protection mechanisms.
- Collaborated with frontend teams to ensure seamless integration and functionality.

Freelance Backend Developer

Self-Employed (2024 – Present) | Remote

- Delivered custom backend solutions for diverse projects, prioritizing scalability and efficiency.
 - Developed secure authentication systems and real-time features using **Socket.io** and **WebRTC**.
 - Worked on **real-time systems** and implemented role-based access controls for clients.
 - Provided end-to-end support, including deployment and performance monitoring.
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Education

- **Bachelor of Information Technology** (2022 – Present)
Mount Annapurna Campus, Pokhara, Nepal
 - **+2 Science** (2020 – 2022)
Sagarmatha Secondary School, Pokhara, Nepal
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Certifications

- MERN Stack Developer Certification
 - Node.js – **HackerRank**
 - SQL – **HackerRank**
 - Problem Solving – **HackerRank**
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Key Projects

Inventory Management System API

- Developed a robust API for managing inventory, including **user authentication**, **cashier management**, and **sales tracking**.
- Integrated features like product creation, stock monitoring, and password reset functionalities.
- **Technologies Used:** Node.js, Express.js, MongoDB, Railway Hosting.

Bindhyeshwori School Website with Admin Panel

- Designed a dynamic school website with an **admin panel** for managing announcements, student records, and class schedules.
- Implemented secure **role-based access control** for administrators and staff.
- **Technologies Used:** Node.js, Express.js, MongoDB, React.

Job Finder Nepal

- Built a platform connecting job seekers with employers across Nepal.
 - Implemented features like **job postings**, **user registration**, and **secure authentication**.
 - Enabled efficient job matching and application processes.
 - **Technologies Used:** Node.js, Express.js, MongoDB, React.
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Technical Skills

Languages & Frameworks: Node.js, Express.js, React, Vue.js, Tailwind CSS, Python, C++, MERN Stack

Database Systems: MongoDB, MySQL

Key Tools: RabbitMQ, WebRTC, Railway Hosting, Docker

Other Skills: API Design, Real-time Systems, Authentication Systems

Expertise

- Project Management
- Critical Thinking & Problem Solving
- Team Collaboration
- Leadership & Negotiation
- Creativity & Troubleshooting