

Rahul Adhikari

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PROFESSIONAL SUMMARY

Backend Developer with 6 months of experience in designing and optimizing scalable applications using Node.js, Express.js, and MongoDB. Proficient in RESTful API development, database management, and system performance tuning. Experienced in integrating third-party APIs, payment gateways (Khalti), and communication services (Twilio), along with implementing secure authentication (OAuth, JWT). Passionate about writing efficient, maintainable code and solving complex backend challenges. Seeking opportunities to contribute to high-impact projects and further expand expertise in backend development.

PROFESSIONAL EXPERIENCE

Backend Developer | Wisdom Technology (Oct 2024 – Feb 2025)

- Developed and maintained RESTful APIs, ensuring seamless data flow and optimized performance.
- Integrated Twilio for SMS notifications and Khalti for secure transactions, improving payment success rates.
- Collaborated with an Agile team, actively participating in sprint planning, code reviews, and feature deployments.

EDUCATION

Academia International College (2021 – 2025)

- Bachelor of Science in Computer Science & Information Technology (BSc. CSIT)

Global Educational Academy (2020)

- +2 Science (Computer Science Focus)

TECHNICAL SKILLS

- Backend:** Node.js, Express.js, MongoDB, SQL
- Frontend:** React.js
- Programming Languages:** JavaScript, Python, TypeScript
- Libraries & Tools:** Pandas, OAuth, JWT, Twilio, Postman

PROJECTS

Hotel Accommodation System (Internship Project) (Feb 2025)

- Designed backend architecture using Node.js, Express.js, and MongoDB.
- Developed secure authentication & authorization with Google OAuth.
- Integrated Khalti for seamless online transactions, enhancing payment efficiency.
- Implemented Twilio integration for automated booking notifications.
- Ensured structured, maintainable code by following Software Requirement Specification (SRS) guidelines.

BizNepal - Business Directory with Sentiment Analysis (Final Year Project) (Jan 2025)

- Built an interactive frontend using React.js, improving user experience for business listings.
- Integrated Google Maps API for location-based business searches.

School Management Website (MERN Stack) (Aug 2024)

- Developed a full-stack school management system using React.js (frontend), Node.js & Express.js (backend), and MongoDB (database).

CERTIFICATIONS & TRAININGS

- MERN Stack Course (Oct 2024)
- Data Hackathon Participant – Code for Nepal (2023)