Rahul Adhikari

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PROFESSIONAL SUMMARY

Node.js Developer with hands-on experience in building scalable web applications using Node.js, Express.js, and MongoDB. Proven ability to design RESTful APIs, optimize database performance (SQL & NoSQL), and implement secure authentication (JWT, OAuth). Adept at Agile collaboration, problem-solving, and integrating third-party services (Twilio, Khalti). Passionate about performance-driven development and continuous learning in full-stack JavaScript.

PROFESSIONAL EXPERIENCE

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

- Designed & deployed high-performance RESTful APIs using Node.js & Express.js, improving data flow efficiency.
- Integrated Twilio (SMS) & Khalti (payments), increasing transaction success rates.
- Followed Agile methodologies, participating in sprint planning, code reviews, and feature deployments.
- Optimized MongoDB queries, reducing response time by 30% for the Hotel Accommodation System.

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, RESTful API Development
- **Databases:** MongoDB (NoSQL), MySQL/PostgreSQL (SQL)
- **Frontend:** React.js (Basic/Intermediate), TypeScript, JavaScript
- **Tools:** Git, Postman, JWT/OAuth, Twilio, Ant Design
- **Soft Skills:** Problem-Solving, Self-Learning, Agile Collaboration

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PROJECTS

Mero Budget – Full-Stack Finance App | March 2025

- Built a scalable budget tracker using Node.js, Express.js, MongoDB, and React.js(TypeScript).
- Implemented JWT authentication and Redux for state management, ensuring secure data flow.
- Optimized MongoDB aggregation pipelines for faster financial analytics.

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.

CERTIFICATIONS & TRAININGS

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