Nirajan Dhungel

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PROFILE SUMMARY

Software Engineering student with strong academic performance and hands-on industry experience from NTB. Developed and deployed multiple full-stack MERN projects with modern cloud infrastructure. Passionate about building scalable digital products and solving real-world problems.

WORK EXPERIENCE

Nepal Tourism Board (NTB)   March 2025 – July 2025

Software Engineering Intern || Quality Assurance

- Conducted functional and regression testing on different modules like inventory, Bill Tracking etc. of NTB's ERP system, ensuring smooth operations.
- Created a Digital Enlistment form on google storing images/files on google drive and data on sheets using AppsScript.
- Collaborated with developers to analyze system architecture involving C#,.NET, PostgreSQL, and Ubuntu.

PROJECTS

Expense Tracker

- Developed a responsive personal expense tracker using React, Node.js, Express, MongoDB, and Tailwind CSS, with user authentication, CRUD, and category breakdown.
- Used Cloudinary for image storage and MongoDB Atlas for cloud-based scalable data storage.
- Deployed frontend to Vercel and backend to Railway for seamless performance on any device.

Ride Sharing App (Sahara)

- Developed a ride-sharing application using Python for core logic of System, Custom Tkinter to provide user friendly GUI, and MySQL to store user's as well as system's data.
- Implemented user authentication for customers, drivers, and admins, ensuring secure access also the system is made in such a way that it handles multiple users at any instance.
- Designed the entire system using UML diagrams, ERM Model, and OOP principles for maintainability.

EDUCATION

University of Bedfordshire   September 2024 – Present

BSc. (Hons) in Software Engineering, PCPS College

Pursuing Software Engineering with a focus on scalable web products development with cloud knowledge.

INVOLVEMENT EXPERIENCE

Organizer, Kathmandu Youth Conclave 2024

Managed logistics and coordination for one of Nepal's largest youth leadership events, ensuring smooth execution and engagement.

Event Coordinator, Clockmakers Hackathon (PCPS College)

Facilitated participant support and event logistics, ensuring a seamless and productive hackathon experience.

TECHNICAL SKILLS

- Programming Language: JavaScript, Python, Java, C++, C#
- Frontend: React, Next.js, Tailwind CSS
- Backend: Node.js, Express.js, MySQL, MongoDB
- Tools & Platforms: Git, GitHub, Vercel, Railway, Cloudinary, Atlas
- Soft Skills: Teamwork, Communication, flexibility & Problem Solving