

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) - *Software Engineer Intern // Quality Assurance*

- Performed functional and regression testing on ERP modules (inventory, bill tracking, etc.), ensuring smooth operations and system reliability.
- 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.

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.
- Integrated Cloudinary and MongoDB Atlas for secure image storage and scalable cloud-based data management.
- Deployed frontend to Vercel and backend to Railway for seamless performance on any device.

Vehicle Rental System (Sahara Rentals)

- Built a vehicle rental system using maven in Java, incorporating OOP concepts and JavaFX.
- Designed the entire system using UML diagrams, ERM Model, and OOP principles for maintainability following the Model-View-Controller Architecture.
- Implemented a structured database in MySQL for efficient data management.

EDUCATION

University of Bedfordshire - *BSc. (Hons) in Software Engineering, PCPS College*

September 2024- Present

Focusing on scalable web application development, cloud deployment, and modern software engineering practices.

INVOLVEMENT EXPERIENCE

Organizer - Kathmandu Youth Conclave 2024

- Coordinated logistics and managed operations for 1,500+ attendees and representatives from 10+ organisations, ensuring smooth event execution.

Mentor - Hack4Impact (PCPS College)

- Provided technical and strategic mentorship to two hackathon teams, guiding them in building scalable applications and deploying solutions on cloud platforms.
- Coached participants on project planning, collaboration, and effective presentation, encouraging innovation and problem-solving under tight deadlines

SKILLS

- Programming Language: HTML, CSS, JavaScript, React, Node.js, Python, Java & MySQL
- Frameworks: React, Bootstrap, Tailwind, Express.js
- Version Control: Git, GitHub
- Soft Skills: Teamwork, Communication, flexibility & Problem Solving