

Sudesh Bhattarai

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LINKS

[GitHub](#), [LinkedIn](#), Portfolio (coming soon)

PROFILE

Information Technology student with hands-on experience building full-stack web applications using JavaScript, Node.js, Express, Java and PostgreSQL. Comfortable taking a project from idea to deployment, and experienced in team collaboration through Git and GitHub. Participant in the National AI Hackathon 2026 team, eager to keep learning and solve real-world problems with software.

PROJECTS

Company Assets Tracker

[Live Demo](#) · [GitHub](#)

HTML, CSS, Bootstrap, Vanilla JavaScript, Node.js, Express, PostgreSQL

- Built a web-based asset management system for managing employees, equipment assignments, asset returns and maintenance records from one centralized dashboard.
- Developed a full-stack application with a Node.js and Express backend and a PostgreSQL database.
- Designed a responsive interface with Bootstrap and deployed it on Vercel.

Online Voting System

[GitHub](#)

HTML, CSS, JavaScript, Java, PostgreSQL

- Developed a web-based voting application with a browser-based frontend, a Java backend and a PostgreSQL database.
- Collaborated with a teammate using Git and GitHub.

HACKATHONS

2026

National AI Hackathon 2026

Team Cosmos

LifeLink - Emergency Response Coordination System

Python, Flask, PostgreSQL, HTML, CSS, JavaScript

- Built a team-based system that connects accident reporting, admin verification, ambulance dispatch and hospital recommendation in one workflow.
- Implemented phone and OTP login with JWT sessions, and report capture with camera, microphone, speech recognition and GPS location.
- Built an admin dashboard with keyword-based severity analysis and DBSCAN-style clustering to flag duplicate reports; added a hospital recommendation engine and live ambulance ETA tracking.

EDUCATION

2024 — 2028 (Expected)

Bachelor of Engineering in Information Technology

Kathmandu

Pokhara University, Cosmos College of Management and Technology

SKILLS

Languages: JavaScript, Python, Java, C, C++

Frontend: HTML, CSS, Bootstrap, Vanilla JavaScript

Backend: Flask, FastAPI, Node.js, Express

Database: PostgreSQL

Tools: Git, GitHub, VS Code

LANGUAGES

Nepali English