

GANESH SAHU

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SUMMARY

I'm a backend developer learning by building real projects instead of just following tutorials. I know JavaScript and Node.js pretty well, and I've picked up some NestJS basics. I'm really interested in backend architecture and REST API design. I like reading docs, experimenting, breaking things, and figuring stuff out on my own. My main goal is writing code that's clean and easy to maintain, and I want to understand how everything works from end to end.

TECHNICAL SKILLS

- **Languages:** JavaScript, Typescript
- **Databases:** PostgreSQL, MongoDB, MySQL
- **APIs:** REST API fundamentals
- **Frameworks:** React.js, Next.js, Nest.js, Express.js, FastAPI, Django
- **Tools:** Git, GitHub, Docker, VS Code

EDUCATION

SUSHMA GODAWARI COLLEGE

Jul 2024- March 2026

+2 in Management (Computer Science)

PROJECTS

Nayamenu

React.js, Node.js, Express, SQLite, Sequelize, React Native, JWT

I developed NayaMenu, a full-stack restaurant management system, while learning React, Node.js, and Express. It features a dashboard, order management, QR-based digital menu, POS screens, and a mobile app with role-based authentication. I connected frontend and backend using REST APIs and designed a responsive UI. This project gave me hands-on experience with real-time order workflows, staff management, and inventory, and strengthened my understanding of full-stack development.

- Live Demo: [click](#)
- GitHub: [click](#)

P2P File Sharing App

React, WebRTC, Socket.IO, Node.js, Tailwind CSS

privacy-first peer-to-peer file sharing app that transfers files directly between devices using WebRTC, without server storage or login. A lightweight Node.js + Socket.IO server handles signaling, while files move P2P and are fully encrypted. The app supports unlimited file sizes, QR code/code-based sharing, and real-time progress tracking. This project deepened my understanding of real-time communication, state management, and production deployment, while reinforcing the value of learning by building.

- Live Demo: [click](#)
- GitHub: [click](#)

Kharcha

React Native (Expo), Node.js, PostgreSQL, Sequelize, JWT, Ollama AI

kharcha, a modern expense tracking app with conversational AI, voice input, and multi-account financial management. The app allows users to track income, expenses, transfers, and loans across multiple account types, with smart intent detection and a responsive, animated interface. I implemented AI-powered natural language understanding, REST APIs, authentication with JWT, and secure backend services using Node.js and PostgreSQL. This project enhanced my skills in full-stack development, AI integration, real-time data handling, and mobile app design, while providing hands-on experience with user-focused financial workflows.

- GitHub: [click](#)

LANGUAGES

English (Native), Nepali (Native), Hindi (Native)