Alex Shrestha

📍 Bhaktapur ✉ alexstha103@gmail.com 📞 9763385478 ⊙ 080bct12alex

Profile

I am a Computer Engineering student at IOE Pulchowk Campus with a strong passion for full-stack development and AI-powered applications. I bring hands-on experience in building scalable web and mobile apps using technologies like Next.JS, Python, React Native and LLM APIs. Motivated, adaptable, and growth-driven, I'm eager to contribute to impactful, real-world projects in a fast-paced environment.

Education

Bachelor of Engineering (B.E.), Computer Engineering   2024 to Present
IOE Pulchowk Campus

Projects

NepalEstate – Real Estate Price Predictor ↗
- Next.js, Flask, MLP Regressor, Scikit-learn
- a full-stack app to predict property prices using machine learning based on area, location, and road type.
- Flask API to serve the ML model and connected it with a modern Next.js frontend deployed on Vercel.

Travel_Companion_AI - Smart Travel Planner ↗
- React , Gemini API , SerpAPI .
- Created a smart travel assistant that uses Gemini API to generate personalized trip plans with real-time flight info from SerpAPI.

Swiftly – Full Stack Store ↗
- MERN, Stripe, Redis
- Built a scalable e-commerce application with authentication, cart functionality, and admin features.
- Integrated Stripe for payment processing and Redis for session caching and performance boost.

Bondr – Real-Time Chat Application ↗
- MERN, Socket.io, JWT
- social messaging app with real-time chat with private messaging using Socket.IO and JWT-secured user sessions.

Skills

Frontend: React.js, Next.js
Backend: Node.js, Express.js, Flask, FastAPI
Database: MongoDB, PostgreSQL

ML & LLM: Python, Scikit-learn, Pandas, LangChain
Tools: Git, Postman, Figma, Vercel, Render, Docker
Mobile : React Native