Prayush Adhikari

Full-Stack Software Engineer
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Summary

I am a full-stack developer and a final-year Computer Engineering student. I build web apps with Next.js, React, Node.js and PostgreSQL, from travel booking sites and online stores to a learning management system and a restaurant app. I enjoy algorithms and system design, I lead my campus computer engineering club, and I have taught coding to 170+ students.

Education

Institute of Engineering, Purwanchal Campus (Tribhuvan University) — Dharan, Nepal
Bachelor's in Computer Engineering — *Expected: April 2027*

Projects

RestroOrbit | *Personal Project* | *Node.js, React, TypeScript, Tailwind* | Live Demo — Jun 2026 – Oct 2026
- Designed and built a restaurant management platform that connects the guest menu, kitchen, counter and back office in real time, so floor staff, kitchen and owner work from one live view of service.
- Implemented order handling, menu and pricing management, billing and end-of-day sales reporting in a single system, reducing manual coordination for restaurant teams.
- Developed a typed REST API with Node.js, Express and TypeScript behind a React and Tailwind CSS frontend; deployed live.

Everblue Himalaya | *Travel Booking Platform* | *Next.js, React, Tailwind, Google APIs*
- Built the frontend of a Himalayan travel booking platform with dynamic package listings, detailed itineraries and end-to-end booking interfaces.
- Integrated Google APIs and backend services, translating travel requirements into a fast, intuitive interface with optimized performance and navigation.

Convolution LMS | *Next.js, Prisma, PostgreSQL, TypeScript, Docker* | Live Demo — Jul 2026 – Sep 2026
- Built a full-featured LMS with role-based experiences for students, instructors and admins: courses, learning paths, quizzes, assignments, progress tracking and auto-issued certificates with public verification links.
- Built a manual payment flow where students upload a payment screenshot (eSewa, Khalti QR or mobile banking) and admins verify and approve enrollment or issue refunds, plus transactional email and newsletters via SMTP.
- Added secure login with better-auth, email verification and rate limiting; deployable on Vercel/Supabase or Docker.

Work Experience

DevWeekends — Fellowship Program
Fellow, Full-Stack AI Engineering — *June 2026 – September 2026*
- Studied system design along with full-stack and AI engineering topics, all built around the MERN stack (MongoDB, Express, React, Node.js).

Rent SEO Brain Agency — Kathmandu, Nepal (Remote)
Fullstack Developer (Intern, then Full-Time) — *September 2025 – May 2026*
- Architected and deployed the agency's website from scratch in Next.js using SSR and SSG, achieving sub-second load times and strong SEO performance.
- Built and maintained a trip booking platform with dynamic routing, real-time availability logic and streamlined booking flows; led development of the agency's digital marketing platform.
- Integrated the Cal.com API into a custom booking interface, automating the lead-to-meeting pipeline and removing manual scheduling.

Mitra Consultancy — Bangalore, India (Remote)
Fullstack Developer — *July 2025 – September 2025*
- Engineered the React and Tailwind CSS interface of a Learning Management System (course catalogs, progress tracking, interactive modules), integrating REST APIs with backend and design teams.

Neon Shark — Patna, India (Remote)
Web Development Intern — *January 2025 – May 2025*
- Built a full-featured furniture e-commerce platform with React and Express, including complex product filtering, persistent carts, RESTful APIs and optimized image galleries.
- Implemented data-driven dashboards with real-time visualization and deep-nested navigation; delivered a technical website for a cloud service provider.

Code Mantra — Reston, VA (Remote)
Web Development Intern — *November 2024 – December 2024*
- Designed high-fidelity Figma mockups for a dual-portal teacher and student platform and shipped them as a responsive React and Tailwind CSS frontend in a 6-week cycle.

Leadership & Teaching

Association of Computer Engineering Students (ACES) Dharan, Nepal
President (2026 – Present); Secretary (2025 – 2026); Vice Secretary (2024 – 2025) *2024 – Present*
- Rose from Vice Secretary to President, leading the executive team and engagement for 100+ computer engineering students.
- Plan and run technical workshops, hackathons and community events, including Techfest.

Code For Change Koshi Province, Nepal
Project Lead *2026 – Present*
- Lead technical training programs and hackathons across Koshi Province, managing execution, team coordination and stakeholders to promote coding education.

CODE IT Dharan, Nepal (Remote)
Coding Instructor *January 2025 – December 2025*
- Trained 170+ students in low-level programming (C/C++) and modern frontend development (React.js) while maintaining high student satisfaction.

Skills & Interests

Languages: TypeScript, JavaScript, Python, C++, C, SQL, Bash
Frontend: React, Next.js, Tailwind CSS, Redux, Figma
Backend: Node.js, Express, REST APIs, Prisma
Databases: PostgreSQL, MongoDB, MySQL, Supabase
Cloud/DevOps: Docker, GitHub Actions, Jenkins, Vercel, Linux, Git, Postman
Interests: Algorithms and problem solving, system design, technical writing (20+ published essays)