

Abhimannu Singh Kunwar

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Profile

Full-stack software engineer with experience building and shipping web applications across the frontend and backend. Experienced with Node.js, NestJS, React, Next.js, TypeScript, PostgreSQL, and MongoDB, with hands-on experience in REST APIs, multi-tenant systems, deployment, and client-facing development. Comfortable working across the software development lifecycle, from gathering requirements and designing solutions to implementation, deployment, and maintenance.

Work Experience

Software Engineer -Circle1Jun 2026 - Present

- Contribute to the end-to-end development of client projects and internal products, from requirement gathering and technical planning to development, deployment, and maintenance.
- Build full-stack applications using Node.js, NestJS, React, Next.js, PostgreSQL, and MongoDB, with Prisma and Mongoose for database management.
- Design and implement multi-tenant systems, developing backend services, APIs, database structures, and application features to support multiple organizations or clients.
- Participate in client and stakeholder meetings to understand business requirements and translate them into practical technical solutions.
- Deploy and maintain staging and production applications using Babalhost/cPanel, including application and server configuration and updates.
- Set up and maintain Node.js and Python applications on hosting infrastructure and use GitHub Actions to automate deployment workflows.
- Utilize Redis for caching and efficient data handling while troubleshooting and improving existing systems.
- Contribute to projects including AIVerse Nepal, Nepshop, and Sosal (Merosquad) across development, deployment, and ongoing product improvements.

Ambassador- Superteam NepalFeb 2026 – Present

- Represent Superteam Nepal within Nepal's Web3 community and help connect local builders and developers with opportunities in the Solana ecosystem.
- Personally connected and onboarded approximately 20 members into the Solana ecosystem by introducing them to relevant communities, opportunities, and events.
- Promote blockchain and Web3 opportunities among college students and help interested individuals discover pathways to participate in the ecosystem.
- Serve as a bridge between interested community members and ecosystem opportunities, including events such as Janamat and Colosseum.
- Participated in the Janamat Creator Bounty, gaining hands-on exposure to ecosystem initiatives while engaging with the local Web3 community.
- Contribute to community growth through content creation, outreach, and community engagement.

Backend Intern- Void NepalMar 2026 – Jun 2026

- Developed and maintained backend services using Node.js and NestJS, contributing to the implementation and improvement of application features.
- Designed, tested, and improved RESTful APIs using Swagger and Hoppscotch, following appropriate HTTP methods and structured routing practices.
- Contributed to CRM and CMS modules, implementing backend functionality and integrating features into existing systems.
- Worked with PostgreSQL, MongoDB, and SQLite for application data management and development.
- Participated in code reviews, incorporating feedback and following practices focused on code quality, readability, and maintainability.
- Refactored a complete feature from JavaScript to TypeScript, improving type safety and restructuring the implementation according to TypeScript best practices.
- Used Vercel to deploy temporary versions of applications for testing, demonstration, and review.

Software Engineering Intern – LaunchureAug 2025 – Nov 2025

- Developed responsive and user-focused interfaces by translating UI/UX designs into functional frontend applications.
- Built frontend features using React and Next.js, with Tailwind CSS, CSS, Ant Design, and shadcn/ui for styling and component development.
- Worked with Zustand for state management and integrated application data and APIs into frontend features.
- Followed and contributed to design system practices to maintain consistent, reusable, and scalable UI components across projects.
- Contributed to multiple projects, adapting implementations to different product requirements and design specifications.
- Collaborated with team members to implement feedback, refine interfaces, and improve the overall user experience.

Skills

Programming Languages & Frameworks

- Languages:** JavaScript, TypeScript, Python
- Frontend:** React.js, Next.js, Tailwind CSS, Ant Design, shadcn/ui
- Backend:** Node.js, NestJS, Express.js, Django
- Databases:** PostgreSQL, MongoDB, SQLite
- Tools & Infrastructure:** Git, GitHub, GitHub Actions, Redis, cPanel

Education

BSc (Hons) Computing2023 – 2026

Islington College, Kathmandu
Affiliated with London Metropolitan University

School Leaving Certificate (SLC)2021 – 2022

Kathmandu Model Secondary School
GPA: 3.52

Secondary Education Examination (SEE)2013 – 2020

Pinnacle Scholars' Academy
GPA: 3.90

Projects

RouteFlow | Full-Stack Freight Logistics Platform

- Built a full-stack freight logistics platform connecting manufacturers and logistics providers through a competitive bidding workflow.
- Implemented real-time chat and notifications using Socket.io, Mapbox route visualization, and role-based dashboards for manufacturers, logistics providers, and administrators.
- Integrated Khalti and eSewa payment sandboxes with payment history and built the application using Next.js, TypeScript, Node.js/Express, and MongoDB, with English and Nepali language support.

Test Craft | Full-Stack Quiz & Assessment Platform

- Built a three-role quiz platform (Admin, Teacher, Student) with question-set moderation, approval workflows, and automated email notifications.
- Implemented server-side quiz timing and scoring to prevent clients from accessing correct answers or manipulating results, along with resumable quiz attempts and per-quiz leaderboards.
- Secured the application using JWT access tokens, rotating refresh tokens with httpOnly cookies, rate limiting, Helmet, and input sanitization.

Timely Task | Task Management Application

- Built a task management application with JWT authentication and bcrypt, ensuring users can only access and manage their own tasks.
- Implemented priority-based task organization, task status management, live dashboard counters, and reusable components for creating and editing tasks.
- Deployed the frontend and backend on Vercel, using a serverless adapter for the Express API.