

LAGZEN THAKURI

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Aspiring Software Engineer | Skilled Web Developer | Problem Solver

PROFESSIONAL SUMMARY

Motivated second-year Computer Science student specializing in software development, cybersecurity, and AI. Experienced backend and frontend developer with strong expertise in building scalable, user-centric web applications using modern technologies including React, Next.js, Node.js, and TypeScript. Proven ability to contribute to open-source projects and lead community tech initiatives. Adept at problem-solving, critical thinking, and collaborating in team environments to deliver impactful digital solutions.

TECHNICAL SKILLS

- Programming & Frameworks: JavaScript, TypeScript, Node.js, React.js, Next.js
- Frontend: React, Next.js, HTML5, CSS3, TailwindCSS
- Backend: Node.js, Express.js
- Databases & Tools: MongoDB, PostgreSQL (Prisma ORM), Redis, Appwrite (BaaS)
- Cloud & DevOps: Docker
- Authentication & Security: OAuth, JWT, Burpsuite
- Other: Critical Thinking, Team Collaboration, Social Media Management

EDUCATION

Presidential Graduate School | Westcliff University — Bachelor of Science in Information Technology
Oct 2024 – Oct 2028

- Concentration: Software Development, Cybersecurity, AI, IT Entrepreneurship

Nobel Academy — High School Diploma (Physics Major)
July 2021 – July 2023

- Focus: Physics, Computer Science, Mathematics
- Learned fundamentals of JavaScript and C

PROFESSIONAL EXPERIENCE

Backend Developer

FlagForge.xyz | March 2025 – Present

- Core developer and maintainer of an open-source Capture-the-Flag (CTF) learning platform.
- Designed and implemented scalable backend services using Node.js, TypeScript, and Prisma ORM.

- Developed frontend components with React.js and Next.js to enhance user experience.
- Managed databases with MongoDB and PostgreSQL, ensuring data integrity and performance.
- Utilized Docker for containerization and streamlined deployment processes.

Social Media Manager & E-commerce Specialist

Wollyfelt | April 2024 – June 2025

- Managed Shopify and Etsy stores including product listings, order tracking, and customer communications.
- Planned and executed promotional campaigns, notably increasing sales during Black Friday.
- Created engaging social media content to boost brand awareness and online traffic.

VOLUNTEER EXPERIENCE

College Representative

Code for Change (CFC) | Feb 2025 – Dec 2025

- Organized workshops and coding sessions to enhance student learning.
- Collaborated with CFC leadership to plan community tech projects.
- Facilitated communication between students and organizational leadership.

Presidential Innovesta 2025

Software Club Representative | Aug 7–10, 2025

- Presented team projects to attendees, explaining technical concepts and development processes.
- Developed games, websites, and tech demos for public engagement.

DevTalks Organizer

PGS Software Club | July 16, 2025

- Coordinated a tech meetup focused on open-source collaboration and innovation.
- Promoted community-driven development and networking among developers.

CERTIFICATIONS & ACHIEVEMENTS

- MongoDB Basics for Students, MongoDB University, Nov 2025 (Credential ID: c1862373-2eab-47c4-8410-b70f5ddbb4d1)
- Ethical Hacker, Cisco Networking Academy, Aug 2025
- Networking Basics & Devices Configuration, Cisco Networking Academy, Aug 2025
- Operating Systems Basics, Aug 2025
- API Fundamentals Student Expert, Postman Student Program, Dec 2024 (Credential ID: 6768260c2f3e32659d21c783)
- Hult Prize Nepal 2025: ARISE – AR educational platform (National Competition Participant & OnCampus 1st Runner Up)
- TEDxPresidential Graduate School License Holder, Jul 2025 – Jul 2026

- Open Bodies Datathon Participant, Open Knowledge Nepal, Jan 2025

HACKATHON EXPERIENCE

- **100xNepal Web Development Hackathon** (Oct 31 – Nov 1, 2025)
 - Project: MeetMyGuide – Connecting travelers with verified local guides for authentic experiences.
- **Youth Hackathon 2025, UNESCO** (Oct 24, 2025)
 - Project: MediaLiteracyCTF – Capture The Flag-style platform promoting media literacy and critical thinking.
- **Waste Hackathon 2025, Khaalisisi** (Jun 5, 2025)
 - Project: SacredCycle – Sustainable marketplace empowering women artisans using temple flower waste.
- **Jiffy Hackathon** (Dec 29–31, 2024)
 - Project: Saras – Gamified food delivery app combining convenience with entertainment.
- **IdeaX Agro-tech Theme Winner** (Sept 27–29, 2024)
 - Project: AgroSikshya – Urban farming assistant with crop recommendations and expert community support.
- **Ascol Hackfest 2024** (Sept 17–19, 2024)
 - Project: AgroSikshya – Educational web app for farming techniques and agribusiness management.

LANGUAGES

- English: Fluent
- Nepali: Native