

BALI KUMAR WAD

Computer Engineering Student & Frontend Developer

Lalitpur, Nepal • balikumarwad@gmail.com • +977 9763687308 • balikumarwad.com.np
[LinkedIn](#) • [GitHub](#) • [Notion Portfolio](#)

SUMMARY

Computer Engineering student with hands-on experience building full-stack web applications using React, Next.js, FastAPI, and PostgreSQL. Track record of shipping production-ready platforms end to end from civic-tech tools to real-time sports applications with a focus on clean UI, responsive design, and integrating AI capabilities where they add real value. Comfortable working across the stack and collaborating in Agile team environments.

SKILLS

Frontend: React.js, Next.js, HTML, CSS, Tailwind CSS, JavaScript, Figma

Backend: Python, FastAPI, C/C++, REST APIs

Tools: Git, GitHub, Linux, Bash, Postman, PostgreSQL

Core Concepts: Data Structures & Algorithms, DBMS, Operating Systems, System Design fundamentals

Other Skills: Creative Writing, Research Skills, Market Research, Content Strategy, Fact-checking, Communication, Team Leadership, Teamwork, Work-based Learning, Script Supervision

PROJECTS

AI Agent Builder

April 2026

Frontend Developer

- Built a modular AI Agent Builder web application featuring drag-and-drop mechanics to streamline complex user workflows.
- Configured a highly responsive frontend interface utilizing specialized layout components to manage dynamic data inputs.

Trilingual Document Translator

August 2026

Full-Stack Developer | TMT Hackathon

- Architected and deployed a functional trilingual document translation application in a fast-paced 48-hour sprint.
- Integrated the Kathmandu University TMT API to actively route and translate external data requests seamlessly into the user interface.

Nagarik Awaz

February 2026

Full-Stack Developer | Sankalpa Hackathon

- Designed and refactored a full-stack civic engagement platform in a 48-hour sprint, connecting citizens with local governance through transparent, real-time issue reporting.
- Built a citizen-centric authentication flow and responsive frontend in React/Next.js, backed by a FastAPI and PostgreSQL data layer.
- Integrated Google Gemini AI to automate report classification and surface actionable insights from user-submitted issues.

C-Way Payment Gateway

February 2025

Frontend Developer | Frontend Fest 2025

- Collaborated in a fast-paced four-person Agile team to build a responsive frontend for a digital payment processing system.
- Translated high-fidelity UI/UX designs into modular components, implementing payment interfaces and interactive dashboards with Tailwind CSS and JavaScript.
- Maintained disciplined Git version control to coordinate merges and resolve conflicts across the team.

Digital Attendance Management System (DAMS)

May 2026

C++ Developer | College Project

- Directed the development lifecycle of a terminal-based C++ system for tracking student and teacher attendance records.
- Drafted technical documentation, flowcharts, file storage algorithms, and UML class/sequence diagrams for the project architecture.

USAL-AI

May 2026

UI/UX DESIGN

- Designed the end-to-end user interface for an AI-powered study abroad platform, prioritizing an intuitive experience for features like AI SOP generation, mock interviews, and application tracking.
- Developed high-fidelity layouts and interactive prototypes using Figma, ensuring seamless navigation across specialized dashboards like the Personal AI Counselor and Answer Review tools.
- Structured the platform's visual architecture and content pacing to optimize user retention and simplify complex AI interactions for students preparing for university admissions.

WORK EXPERIENCE

Atriya Creations

July - Sep, 2026

Content Strategist & Scriptwriter

- Manage extensive research and scriptwriting for [The Generals' Oath](#), a long-form historical and war documentary YouTube channel.
- Synthesize vast amounts of complex information into clear, structured narratives, demonstrating a high capacity for reading and organizing documentation.
- Design content architecture focused on structural pacing and audience retention, applying core user experience (UX) principles to digital media consumption.

LEADERSHIP, WORKSHOPS & COMPETITIONS

- **Locus Software Fellowship:** Selected to participate in an intensive software engineering fellowship, focusing on advanced development practices and hands-on technical skill-building.
- **Rotaract Club:** Served as the Public Image Chair, developing visual branding, managing community outreach, and driving the organization's digital public relations strategy.
- **Hult Prize:** Participated in the global social entrepreneurship competition, collaborating to pitch impact-driven solutions for pressing social challenges.
- **CodeFest 2026 Hackathon:** Competed as a member of Team Bumblebee, delivering a high-stakes competitive presentation that translated technical architecture into clear product value for judges.
- **Google I/O Recap & Microsoft Build Workshops:** Actively participated in industry developer events to track emerging trends in AI integrations, advanced frontend tooling, and modern developer workflows.

EDUCATION

Himalayan Whitehouse International College
Bachelor of Computer Engineering | Kathmandu, Nepal

2024 — 2028

Tripadma Vidyashram Secondary School
Science | Lalitpur, Nepal

2022 — 2024

LANGUAGES

English (Fluent) • Nepali (Native) • Hindi (Proficient) • Spanish (Basic)