Abhishek Ghimire

https://github.com/cypherab01 | https://linkedin.com/in/cypherab01
https://abhishekg.com.np

Email: aghimire074@gmail.com
Phone: +977-9847526298
Kathmandu, Nepal

SUMMARY

Software Developer with a strong foundation in computer science and practical experience building full-stack web and mobile applications. Passionate about sharing knowledge, simplifying complex technical concepts, and helping students develop strong programming and problem-solving skills. Committed to creating an engaging learning environment that encourages curiosity, critical thinking, and continuous growth while combining industry experience with effective teaching.

WORK EXPERIENCE

Kathmandu Metropolitan City Jan 2026 – Present
Software Developer *Kathmandu, Nepal*

- Developing the official Kathmandu Metropolitan City website with responsive, accessible UI/UX and the BID Management System with role-based access control for managing BID publications on Gorkhapatra.
- Building public-facing and internal administrative modules with Next.js, FastAPI, SQLAlchemy, and PostgreSQL.
- Collaborating with database engineers and system analysts across frontend and backend development.

React, Next.js, FastAPI, SQLAlchemy, Pydantic, PostgreSQL

Mantra IT Solution Pvt. Ltd. Dec 2024 – Jan 2026
Next.js & React Native Developer *Lalitpur, Nepal*

- Built the UI for Harvestmoon, an international flight booking web application.
- Developed the Shreeairlines domestic airline frontend.
- Contributed to the E-Grow Easy Farming mobile application.
- Converted Figma mockups into reusable React components using Tailwind CSS and shadcn/ui.
- Optimized applications for responsiveness and performance.

Next.js, React, React Native, Tailwind CSS, shadcn/ui, Laravel

CloudFactory Dec 2023 – Jan 2026
CloudWorker *Lalitpur, Nepal*

- Contributed to data annotation and curation projects supporting machine learning model training.
- Maintained strong accuracy, confidentiality, and project-level performance standards.

Data Annotation, Machine Learning Operations

CERTIFICATES & AWARDS

Nepalgunj Campus of Management & Techonology April 2026 – May 2026
30 Days Fullstack Development Training with Next.js & FastAPI *Remote*

- Successfully completed a 30-day intensive Full-Stack Development training program.
- Implemented authentication and authorization in full-stack applications.
- Collaborated on practical projects while following clean coding principles.

Next.js, React, FastAPI, Postgres

PROJECTS

Kathmandu Metropolitan City: Official Government Website & Content Platform | *Next.js, FastAPI, PostgreSQL, SQLAlchemy (async), S3-compatible storage, Docker* Website

- Built and maintain the official website and admin dashboard for Kathmandu Metropolitan City, serving 5,000+ weekly active users (Google Analytics) in Nepali and English
- Built 40+ dashboard-managed modules (wards, departments, officials, notices, e-governance services), so city staff publish all content without developer involvement
- Engineered an automatic audit trail that records every database change with actor, IP and user agent for government accountability
- Designed fine-grained RBAC with resource-level and ownership-scoped permissions, restricting each department to its own content

Pasal24: End-to-End E-commerce Platform, from Order to Doorstep | *Next.js, FastAPI, PostgreSQL, SQLAlchemy (async), TanStack Query, Cloudflare R2* Website

- Architected a full-stack commerce platform for the Nepali market spanning 20 backend domains, from catalog and cart through inventory, payments and returns
- Built end-to-end order fulfilment, taking each order from placement and verification through packing, courier handoff and doorstep delivery, with failed-delivery and return-to-shop handling
- Implemented returns and refunds with automatic restocking, plus cash-on-delivery payment tracking including partial refunds
- Designed permission-based access control with admin-defined roles and a permission-driven dashboard
- Implemented direct-to-storage uploads with presigned Cloudflare R2 URLs that sign content type and size, so storage enforces limits without proxying files through the API

NEPSE Trading Journal: Accurate Profit & Tax Tracking for Stock Investors | *Next.js, FastAPI, PostgreSQL, SQLAlchemy, NextAuth, GitHub Actions* Website

- Built a stock trading journal for Nepal Stock Exchange (NEPSE) investors that calculates true profit after every broker fee and tax, matching official broker statements exactly
- Designed a calculation engine that returns the same verifiable result every time, so every financial figure can be traced and audited
- Kept past profit figures accurate when regulators change fee rates, by versioning fee rules by date instead of overwriting them
- Automated daily stock-price updates with a scheduled pipeline (GitHub Actions), keeping portfolio values current without manual entry

EnvVault: Encrypted, Self-Hostable Secrets Manager for Developers | *Next.js, TypeScript, Drizzle ORM, PostgreSQL, JWT* Website | GitHub

- EnvVault is a self-hostable web app for securely storing project .env files

- Built with Next.js 16, Postgres (Neon), and Drizzle ORM
- Features authentication, project management, and headless env pulling

Six Sense: Spa & Beauty Website with Full CMS, Pokhara | *Next.js, Prisma, PostgreSQL, Tailwind CSS* Website

- Built a fully dynamic website and CMS for a spa and beauty business in Pokhara, so the owner manages services, pricing, gallery and testimonials without a developer
- Designed a 22-model Prisma schema and an idempotent seed that migrated the original static content into the database
- Added WhatsApp booking with pre-filled messages, removing the need for paid third-party booking tools

bitinfoNepal: Free Study Platform for Nepal's BIT Students | *Next.js, TypeScript, Tailwind CSS, Nest.js* Website

- Built the original frontend of a free study platform now used by 1,000+ BIT students weekly across Nepal, from initial setup to production launch
- Developed dynamic semester and subject pages, so new notes and past papers appear without code changes
- Integrated advertising (Google AdSense) with a privacy policy to fund hosting while keeping the platform free for students

WhatWear: Digital Wardrobe & Outfit Insights App | *React Native, Expo, FastAPI, PostgreSQL, Pytest* Play Store

- Shipped a wardrobe management app to Google Play end to end, owning product design, the React Native client and the FastAPI backend
- Built usage analytics that surface most-worn and never-worn clothing, helping users make use of what they already own
- Wrote an automated pytest suite covering authentication, sessions and core wardrobe workflows
- Secured mobile authentication with JWT refresh-token rotation, device secure storage and multi-device session management

Baraabar: Offline Bill Splitter for Trips & Groups | *React Native, Expo, AsyncStorage* GitHub | Play Store

- Published an open-source, fully offline bill-splitting app on Google Play that works with no account or network connection
- Implemented partial splits among any subset of participants, beyond simple equal division
- Built trip-level spending statistics that show where a group's money went

Inside Abhishek: SEO-Optimized Blog with Custom CMS | *Next.js, FastAPI, PostgreSQL, Tiptap* Website

- Built an SEO-optimized blog with a custom headless CMS, using Next.js incremental static regeneration and a FastAPI backend
- Implemented role-based access control with JWT authentication to secure the admin dashboard
- Reduced API latency by co-locating serverless functions and the database in the same region

EDUCATION

Patan Multiple Campus Patandhoka, Lalitpur, Nepal
Bachelors in Information Technology (BIT), IOST, Tribhuvan University *2020 – 2024 | CGPA: 3.51 / 4*

Deep Boarding High School Butwal, Nepal
Physical Science, NEB *2018 – 2020 | CGPA: 3.41 / 4*

TECHNICAL SKILLS

Frontend: React.js, Next.js, TailwindCSS/shadcn-ui
Backend: FastAPI, Express.js, Next.js
Database: Postgres, MongoDB
Tools: Git, Docker, Cloudflare, Vercel
Mobile App: React Native CLI, Expo