

Anupam Kandel

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Education

Tribhuvan University

2019 – 2025

Purwanchal Campus - Institute of Engineering

Bachelor in Electronics, Communication and Information Engineering

Relevant Coursework

- Data Structures and Algorithms
- Database Management Systems
- Software Engineering
- Computer Networks
- Artificial Intelligence
- Computer Graphics
- Big Data Technologies
- Operating System

Professional Experience

Freelance Full Stack Developer

2023 – Present

Remote

- Designed and delivered custom web solutions for clients using React, Next.js, and Node.js.
- Developed landing pages, dashboards, and full-stack applications tailored to client requirements.
- Improved website performance with lazy loading and server-side rendering (SSR).
- Implemented secure user authentication, payment gateways, and form handling with third-party APIs.
- Optimized SEO and performance with Next.js static generation (SSG) and server-side rendering (SSR).
- Collaborated directly with clients to gather requirements and deliver timely project updates.
- Integrated real-time features using WebSockets for enhanced user interaction.
- Deployed and maintained client projects on platforms like Vercel, Render, and Firebase.
- Provided long-term support, debugging, and feature updates post-deployment.

Full Stack Developer

2024 – 2025

Techsthal Innovations

- Developed and deployed dynamic, responsive web apps using Next.js on Vercel.
- Implemented secure user authentication and role-based access using JWT and middleware.
- Built RESTful and GraphQL APIs using Node.js and Express, connected to MongoDB and PostgreSQL.
- Led collaboration with UI/UX designers to translate Figma designs into pixel-perfect components.
- Used Zustand and Redux Toolkit for scalable and efficient state management.
- Optimized application performance via dynamic imports, image optimization, and memoization.

Full Stack Intern

2023 – 2024

PI Innovations

- Assisted in developing and styling web pages using Next.js and Tailwind CSS under senior supervision.
- Followed guidance from senior developers to integrate REST APIs and troubleshoot UI issues.
- Learned best practices for responsive design, Git workflows, and code reviews.
- Contributed to minor feature updates, bug fixes, and documentation tasks across ongoing projects.

Projects

Messaging Website

Live  

2025

- Built a full-stack real-time messaging platform using **MERN** stack: MongoDB, Express.js, React, and Node.js.

- Integrated **Socket.io** for real-time bi-directional communication with typing indicators and online/offline status.
- Used **Zustand** for global state management, enabling lightweight and performant data flow.
- Implemented **JWT authentication** with access and refresh tokens for secure login and protected routes.
- Designed responsive UI using **Tailwind CSS** with multiple themes.

Netflix Clone [Live](#)

2024

- Developed a video streaming platform inspired by Netflix using the **MERN** stack.
- Integrated **TMDB** API for displaying and searching contents.
- Deployed project using Render ensuring mobile-friendly performance and responsiveness.

Birat Express [Live](#)

2024

A regional news platform for Koshi Province, offering real-time news updates and a user-friendly interface.

- Developed a content delivery system using Next.js and Tailwind CSS.
- Built a user-friendly admin dashboard for managing content efficiently.
- Implemented dynamic data fetching and storage using MongoDB.
- Deployed the full-stack application seamlessly on Vercel.

Leadership & Extracurricular Activities

- Built an IoT-based smoke alarm system with a React Native mobile app to enhance safety in the campus department.
- Recognized for presenting a research paper on *Face Landmark Detection using Machine Learning* as major project.
- Mentored juniors in building real-world web applications and introduced them to version control and deployment.

Skills

Languages: JavaScript, TypeScript, C++, Python

Frontend: HTML, CSS, React, Next.js

Backend: Node, Express, WebSockets

Database: MongoDB, PostgreSQL, MySQL

Deployment: Vercel, Render

Other: Git, GitHub, Zustand, Redux, Framer Motion