

PRAYUSH ADHIKARI

adhikareprayush@gmail.com

www.linkedin.com/in/adhikareprayush

www.prayushadhikari.com.np

Education

Institute of Engineering Purwanchal Campus

Dharan, Nepal

Bachelor's in Computer Engineering

Expected Graduation Date: April 2027

Work Experience

Rent SEO Brain Agency

Kathmandu, Nepal

Fullstack Developer

February 2026 - June 2026

- Architecting and maintaining a high-performance trip booking platform using Next.js, focusing on dynamic routing, real-time availability logic, and seamless user booking flows.
- Constantly iterating on the agency's official website to implement new features, improve security protocols, and ensure the platform scales with increasing traffic.

Organic Shop Nepal

Kathmandu, Nepal

Fullstack Developer

December 2025 - February 2026

- Conceptualized and executed the entire UI/UX architecture in Figma from scratch, ensuring a modern, user-friendly aesthetic tailored to the organic food market.
- Developed a pixel-perfect, responsive frontend using React.js, translating complex Figma prototypes into clean, modular, and reusable code.

Rent SEO Brain Agency

Kathmandu, Nepal

Fullstack Developer Intern

September 2025 - December 2025

- Architected and deployed the agency's official website from scratch using Next.js, utilizing Server-Side Rendering (SSR) and Static Site Generation (SSG) to ensure maximum SEO performance and sub-second load times.
- Developed and integrated a custom booking interface utilizing the Cal.com API, successfully automating the lead-to-meeting pipeline and reducing manual scheduling friction.

MITRA CONSULTANCY

Bangalore, India

Frontend Developer

July 2025 - September 2025

- Built responsive web applications with React.js to improve user experience.
- Worked closely with designers and backend teams to ensure smooth integration.
- Applied modern frontend technologies to deliver user-focused interfaces.

NEON SHARK

Malsalami Patna, India

Web Development Intern

January 2025 - May 2025

- Built a full-featured E-commerce platform for a furniture brand using Next.js, implementing complex product filtering, cart persistence, and optimized image galleries for high-conversion UX.
- Developed a technical website for a Cloud Service Provider, focusing on clear data presentation and professional UI/UX to build trust with enterprise-level users.
- Architected and implemented multiple data-driven dashboards, handling intricate frontend logic, real-time data visualization, and seamless navigation between deep-nested views.

Code Mantra

Reston, VA

Web Development Intern

November 2024 - December 2024

- Conceptualized and designed high-fidelity interface mockups in Figma, focusing on a dual-portal layout for teachers and students.
- Successfully translated Figma designs into a responsive, production-ready frontend using Next.js and Tailwind CSS within a 6-week development cycle.
- Collaborated with cross-functional teams to translate product ideas into innovative, user-friendly solutions

Leadership & Mentoring Experience

Association of Computer Engineering Students (ACES)

Dharan, Nepal

President

2026-Present

- Led strategic planning and execution of technical workshops, hackathons, and community events. Managed executive team and drove member engagement for 100+ computer engineering students.

Code For Change Koshi

Koshi, Nepal

Project Lead

2026-Present

- Spearheading technical training programs and hackathons across Koshi province. Managing project execution, team coordination, and stakeholder collaboration to promote coding education.

Association of Computer Engineering Students (ACES)

Dharan, Nepal

Secretary

2025-2026

- Served as Secretary, overseeing event coordination, documentation, and member engagement for technical workshops and hackathons.

Association of Computer Engineering Students (ACES)

Dharan, Nepal

Vice Secretary

2024-2025

- Supported event planning and student outreach, contributing to the success of initiatives like Techfest and coding workshops.

Projects

Legal Chatbot for Gender-Based Violence in Nepal

Technologies: React, Node.js, Express, MongoDB, FastAPI, ChromaDB, Mistral 7B (fine-tuned), RAG

- Developed a legal chatbot to assist victims of gender-based violence with reliable, constitution-based guidance.
- Curated a custom dataset from past legal cases to fine-tune Mistral 7B, improving domain-specific accuracy – demonstrating hands-on AI model training and deployment skills relevant to building with LLMs like Claude.
- Implemented RAG (Retrieval-Augmented Generation) with ChromaDB for efficient retrieval of constitutional and case law embeddings.
- Built a FastAPI backend to integrate the fine-tuned model with real-time query handling.
- Designed and deployed a responsive React interface with Node.js + Express + MongoDB backend for secure user interaction.

Rent SEO Brain Agency

Technologies: NextJs, TypeScript, ReactJs

- Built the frontend with Next.js and React to create a high-performance user experience for agency clients.
- Led the full-stack development of a multi-tenant digital marketing platform.

Organic Shop Nepal

Technologies: Wordpress, PHP, NextJs, React, Figma

- Designed and developed a full-stack marketplace for organic products in Nepal.
- Built with a modern tech stack including Next.js, React, and Tailwind CSS for a high-performance user experience.
- Focused on strong SEO to improve visibility and connect consumers with local farmers.
- Created a clean, minimal UI with dedicated pages for products, farmer stories, and a gallery.

Skills

Full-Stack Development:

React, Next.js, Node.js, Express, Nest.js, FastAPI, Flask

Languages

JavaScript, TypeScript, SQL, C++, C, Java, Python, Rust, Bash

Databases

PostgreSQL, MongoDB, MySQL, Vector DBs (Chroma, Pinecone)

Cloud/DevOps

Docker, Jenkins, GitHub Actions

Others

Git, GitHub, Postman, Jest, Zustand, Redux, Figma, Canva, Linux, TailwindCSS, REST APIs