



## SUMMARY

A passionate Computer Science student focused on web development, dedicated to building dynamic, responsive, and user-centered digital experiences. I enjoy crafting efficient full-stack applications, exploring modern web technologies, and continuously improving my skills to deliver clean, scalable, and impactful solutions for real-world problems.

## TECHNICAL SKILLS

**Frontend** : Reactjs, Nextjs, Typescript, zustand, React Query

**Backend** : Node.js, Express.js, Nest.js, Microservices architecture, GraphQL

**Databases**: MongoDB, POSTGRESQL, Redis, prisma orm/mongoose/type orm

**Tools**: Git, GitHub, Docker, Postman

## WORK EXPERIENCE

AI Research Intern @ Shailung Tech

May 2024 – July 2024 | Kathmandu, Nepal

- Implemented cost-effective solutions, resulting in a 20% reduction in project expenses.
- Streamlined project workflows, enhancing overall efficiency by 25%.
- Led a team in successfully delivering a complex engineering project on time and within allocated budget.

Some Freelancing works

October 2024 - present

**Dezzy Live – A temporary Live Streaming Platform**

- Built a single-streamer live-streaming platform using AgoraRTC, NestJS, and Next.js.
- Implemented real-time streaming functionality with integrated bot-generated comments and dynamic simulated view counts.
- Designed a smooth, scalable architecture enabling seamless broadcast performance and responsive UI.

**Ashvini IT – Company Portfolio Website**

- Designed and built a complete company portfolio website using Next.js.
- Created modern UI/UX layouts showcasing services, projects, and brand identity.
- Optimized performance, SEO, and responsiveness for a professional corporate presence.

## EDUCATION

Bachelor of Science in Computer Science and Information Technology

Aug. 2022– Present

Bhaktapur Multiple Campus

Relevant Courseworks

- DataCamp – Data Scientist Professional Certification
- Udemy – System Design Interview Prep Course (by ByteByteGo)

## PROJECTS

**SkillSwap - A peer to peer skill sharing platform**

[\[LINK\]](#)

TechStack: Nextjs, Express, mongodb

- Designed and implemented an interactive peer-to-peer skill matching algorithm that analyzes user-submitted expertise and learning goals to suggest optimal trade partners.
- Developed a comprehensive reputation and verification system utilizing multi-factor authentication and post-exchange ratings, fostering user trust and ensuring the credibility of skill offerings within the platform.
- Integrated a real-time, in-app messaging and scheduling module with calendar synchronization capabilities, streamlining communication and coordination of skill-sharing sessions between users

**DockFresh - Fish e-commerce platform**

[\[LINK\]](#)

TechStack: Nextjs, Nestjs, mongodb

- Engineered a multi-tiered, Role-Based Access Control (RBAC) system providing specialized dashboards for vendors, administrators, and delivery partners, optimizing operational security and efficiency across the supply chain.
- Implemented a Real-Time Inventory and Pricing Management module for perishable seafood products, enabling instant updates on stock levels and dynamic pricing adjustments to minimize waste and maximize profit margins
- Delivered actionable Sales Analytics with intuitive chart visualizations for key metrics like revenue, order volume, and top-selling products, empowering administrators to make data-driven business decisions.
- Built a dedicated Image and Media Management system optimized for high-resolution product galleries, ensuring visually appealing and accurate representation of all seafood offerings.