

SUJAN TIMALSINA

Full stack developer

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PROFESSIONAL SUMMARY

Computer Science graduate with experience in developing and deploying full-stack web applications using the **MERN** and **Next.js** stacks. Skilled in building **RESTful APIs**, authentication systems, and responsive user interfaces. Experienced in working with JavaScript frameworks and cloud deployment platforms. Seeking a junior-level role or internship to contribute to real-world projects and grow as a full-stack developer.

WORK EXPERIENCES

Backend Developer Intern | Internship

Apr 2025 - Jul 2025

Astronova Foundation Nepal

Remote • Hetauda, Makwanpur

- Built 8+ **REST API** endpoints for e-commerce features, including users, products, the cart, and orders.
 - Collaborated on secure authentication and **RBAC** using **NextAuth.js**, **reducing unauthorized access attempts**.
 - Designed **PostgreSQL** schema with **Prisma ORM** and indexing, **improving** execution speeds by **35%** for high-traffic product searches.
- Technologies / Skills Used : PostgreSQL, Prisma, NextAuth.js*

PROJECTS

Chatapp demo | 🌐 🌐 🌐 Imsjn44/chatapp

- Engineered a real-time chat application using React and WebSockets, reducing message latency to **under 200ms** for **50+ concurrent simulated users**.
 - Built responsive Next.js + TypeScript frontend enabling real-time messaging and seamless UI updates.
- Technologies / Tools Used : Docker, Redis, RabbitMQ, Next.js, TypeScript, MongoDB*

Facetrace | 🌐 🌐 🌐 Imsjn44/facetrace

- Engineered a missing person identification model using **Siamese Neural Networks** and **VGG16** for face matching.
 - Optimized **CNN-based** facial feature extraction and image similarity detection for efficient identification.
- Technologies / Tools Used : Python, Tensorflow, React*

Prostore | 🌐 🌐 Imsjn44/prostore

- Built a full-stack **e-commerce platform** using **Next.js 15**, **TypeScript**, **PostgreSQL**, and **Prisma**, featuring authentication, product management, and order processing workflows.
 - Configured key production-grade features including real-time cart system, payment integration in Nepal (**eSewa**) handling **100% secure transaction simulations**, admin dashboard, and advanced product search/filtering.
 - Deployed a scalable and responsive UI using **ShadCN UI** and **Tailwind CSS**.
- Technologies / Tools Used : Next.js, Prisma, PostgreSQL, Typescript, TailwindCSS, Resend, ReCharts*

Foodie | 🌐 🌐 🌐 Imsjn44/foodie-react-native

- Developed a React Native Expo food app with a seamless backend, managing browsing and ordering for **500+ users**. (130 chars)
 - Built secure JWT and Twilio OTP auth, hitting **100% verification success** and **0%** unauthorized access.
- Technologies / Tools Used : Node.js, Express.js, JWT, Twilio*

Genzwear | 🌐 🌐 🌐 🌐 Imsjn44/genZwear

- Launched a modern, high-performance **fashion e-commerce website** with **React** and **Tailwind CSS**, directly contributing to reducing page load times by **35%** and boosting user session duration.
 - Worked on full-stack functionality including product listing, category-based filtering, and dynamic data handling through **RESTful APIs**.
- Technologies / Tools Used : React, Express.js, MongoDB, Node.js*

SKILLS

Databases :	PostgreSQL, Prisma, MongoDB, Mongoose, Redis, Firebase, Supabase
Frameworks & Libraries :	React, Next.js, TypeScript, Node.js, Express.js, Tailwind CSS, ShadCN UI, RabbitMQ
Programming Languages :	JavaScript, Python, C++, TypeScript, SQL
Tools & Platforms :	Git, GitHub, Postman, Vercel, Render, Docker, Kubernetes, CI/CD

EDUCATIONS

Kathmandu University

Aug 2021 - Aug 2025

BSc. in Computer Science

CGPA : 3.25/4.0

- Coursework: Data Structures and Algorithms, Database Systems, Computer Networks, Operating Systems, System Design

Hetauda School of Management and Science

2017 - 2019

+2 Science(NEB)

CGPA : 3.16/4.0

Siddhartha Shishu Sadan Secondary School

2017

Secondary Education Examination(SEE)

CGPA : 3.75/4.0

CERTIFICATIONS

- [Javascript](#)
- [Getting started with Node.js](#)
- [Introduction to SQL](#)

AWARDS & ACHIEVEMENTS

- [Completed LeetCode 30 Days JavaScript Challenge, solving problems on arrays, strings, recursion, searching, sorting, and basic data structures.](#)