Sumir Bhandari

Full Stack Engineer

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LinkedIn | GitHub | Portfolio

A driven and self-motivated software developer with 2 years of hands-on experience building scalable web applications in modern JavaScript/TypeScript frameworks. Skilled in both front-end and back-end development, with strong expertise in Nest.js, TypeORM, Redis, PostgreSQL, React.js, and Next.js. I thrive in fast-paced environments, enjoy solving complex technical problems, and continuously improve my craft through learning and real-world project experience. My goal is to grow as a versatile full-stack engineer who can design, build, and optimize high-performance systems.

EXPERIENCE

Full stack developer   Kathmandu
Sterling Wells Nepal   Feb 2024 - Present

As a Full Stack Developer at Sterling Wells Nepal, my focus has been on the end-to-end development of the 'FigsFlow' SaaS platform, optimizing complex workflows for proposals and AML compliance. I architected and built highly responsive user interfaces using the Next.js/React framework, expertly handling dynamic forms and integrating client-side logic for automated PDF artifact generation. The robust backend infrastructure was developed using Node.js/Nest.js, leveraging TypeORM for efficient data management with PostgreSQL. I implemented secure, third-party payment integrations, specifically enabling both card and direct debit processing via Stripe, GoCardless, and Adfin. I also gained practical exposure to DevOps tooling, including CI/CD pipelines (GitHub Actions, Jenkins) and containerization with Docker, all while operating within structured Agile/Scrum methodologies tracked in Azure DevOps.

React/node Intern   Kathmandu
Grepsr   Jun 2023 - Aug 2023

During my internship, I contributed to an internal project where I utilized Express.js to develop RESTful APIs and manage server-side functionalities. My primary focus was on frontend logic and UI development, employing React and Next.js. For task management, we adopted Jira's Kanban sprint method, and I collaborated closely with the team lead to deliver responsive and interactive interfaces. This experience significantly strengthened my skills in Node.js, React, Next.js, and cross-functional teamwork.

EDUCATION

Bachelor of Computer Applications (BCA)   Kathmandu
Prime College   2019 - 2024

High School (+2 Science)   Bharatpur
Aroma English Higher Secondary School   2018 – 2019

Schooling (Grade 1–10)   Nawalpur
Vishwa Jyoti Higher Secondary School   2018 - 2019

SKILLS

Front-End: React.js, Next.js, TypeScript, Tailwind CSS, shadcn/ui, react-hook-form, Zustand, TanStack Query/Table, ApexCharts

Back-End: Nest.js, Express.js, TypeORM, Sequelize, Mongoose, Redis, Cron Jobs, JWT, Passport.js

Databases: PostgreSQL, MongoDB, schema design, indexing, query optimization

Tools & DevOps: Git/GitHub, Docker, GitHub Actions, Jira, Postman, Swagger

Other Technical Strengths: Strong problem-solving and debugging, Clean architecture, modular code design, SOLID principles, Microservices architecture & multi-tenancy schema experience

PROJECTS

1. **Rojgar (Online Job Portal):**

   - **Tech Stack:** Next.js and FastAPI

   - **Description:** Rojgar is an online job portal that serves as a platform for employers to post job vacancies and for job seekers to browse and apply for those jobs. It stands out with its content-based filtering algorithm, providing a personalized job-hunting experience. The combination of Next.js and FastAPI suggests a full-stack application with a robust frontend and backend.

   - GitHub Repository

2. **NEXTSHOP (E-Commerce Web App):**

   - **Tech Stack:** React.js (Next.js), Zustand for state management

   - **Description:** NEXTSHOP is an e-commerce web application built with React.js and Next.js. It includes dummy JSON authentication and product APIs. The choice of Zustand as a state management solution suggests a focus on efficient state management in the application. This project provides hands-on experience in building a modern and responsive e-commerce platform.

   - GitHub Repository

LANGUAGES

Nepali - Native fluency

English - Proficient (PTE score - 85/65)