

Sushan Bajracharya

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Full Stack Developer

Passionate web developer with experience building interactive, dynamic applications using HTML, CSS, JavaScript, React, Next.js, Tailwind CSS, and TypeScript. Lately, exploring animations and motion design with GSAP and Three.js to create immersive interfaces. Focused on front-end and full-stack development and aiming to expand into React Native, progressive web apps, cross-platform development, and other emerging platforms.

SKILLS

- **Frontend:** React.js, Next.js, HTML, CSS, Javascript, Typescript, Tailwind CSS, Responsive Design, Accessibility
- **State & API:** Redux, Redux Toolkit, React Query (TanStack Query), RTK Query, Axios
- **Database:** MongoDB
- **Backend:** Express.js, Node.js
- **Tools & Collaboration:** Figma, Git/GitHub

WORK EXPERIENCE

Axis Technology Pvt. Ltd.

02/2025 – 07/2025

Frontend Developer Intern

Contributed to building a scalable eCommerce platform using Next.js App Router, ensuring a clean routing architecture with support for layouts and loading states. Developed responsive and reusable React components using a combination of Ant Design (AntD) and custom UI elements, styled with Tailwind CSS.

Key contributions:

- Managed API requests efficiently using TanStack Query and Axios
- Implemented dynamic filtering, sorting, and pagination features to enhance product discoverability
- Integrated form validation and user-friendly error handling across various frontend modules
- Worked closely with other developers to build and integrate frontend features using Git and GitHub for version control
- Worked on responsive UI and state management to ensure smooth user experience across devices

EDUCATION

BSc. (Hons) Computer Systems Engineering

ISMT College • Tinkune, Kathmandu

10/2022 – 10/2025

PROJECTS

E-commerce Platform

Axis Technology Pvt. Ltd.

Contributed to build a scalable e-commerce platform using Next.js. Developed responsive and reusable React components using Ant Design (AntD) and custom UI elements, styled with Tailwind CSS. Managed API interactions with TanStack Query and Axios, and implemented dynamic filtering, sorting, and

pagination. Ensured robust form validation and smooth user experiences across devices while collaborating with a team using Git/GitHub.

Sundar Inventory

Sundar Radio Service

Sundar Inventory is a full-stack inventory management application designed to efficiently track and organize items across multiple categories. It features a modern, role-based access system, enabling differentiated permissions for Superadmins, Admins, and regular Users. Built with a Node.js backend and a React frontend, the application combines secure authentication, dynamic CRUD operations, and a responsive, user-friendly interface for seamless inventory management.

Job Board Application

Job Board Application is a modern, full-featured platform for posting, managing, and discovering job listings. Built with Next.js, it delivers a fast, responsive experience with real-time updates powered by Redux Toolkit and RTK Query. The application features a clean, intuitive interface designed with Tailwind CSS and shadcn/ui, along with robust form handling and validation using React Hook Form and Zod. This project demonstrates my ability to create dynamic, user-friendly web applications with a focus on performance and maintainability.

Secure Authentication System

Secure Authentication System is a robust authentication framework built with Next.js, designed to prioritize security and user experience. It implements comprehensive protections including password hashing with bcrypt, strong password policies, account lockouts, CAPTCHA verification, email verification, JWT-based session management, and input sanitization against XSS and NoSQL injection. The system also features secure password reset workflows, session control, and CORS protections, ensuring safe and reliable authentication. This project highlights my expertise in building secure, scalable, and user-friendly authentication systems using modern web technologies.