

BISHAL CHAUDHARY

Full Stack Developer

Location: Nepal

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PROFESSIONAL SUMMARY

Full Stack Developer with practical experience building production-ready web applications using Next.js, React, Node.js, TypeScript, and PostgreSQL. Strong focus on API design, database integrations, SEO, and responsive UI built with Tailwind CSS. Proven ability to deliver modular, maintainable code and iterate rapidly to meet product and business requirements.

CORE SKILLS

Frontend

- Next.js (App Router), React, TypeScript
- Tailwind CSS, responsive design, accessibility
- Client-side state management, component-driven architecture
- SEO, server-side rendering, metadata management

Backend

- Node.js, Express, REST API design
- Authentication: JWT, OAuth patterns
- Server-side rendering strategies, middleware, validation

Database

- PostgreSQL (Neon), Prisma ORM, SQL schema design
- Data modeling, migrations, connection pooling
- Basic experience with MongoDB for alternate projects

DevOps & Tools

- Git, GitHub, Vercel deployment
- Docker (development), CI/CD basics
- Postman, testing (unit/integration), logging and monitoring

PROFESSIONAL EXPERIENCE

Freelance / Personal Projects — Nepal

Full Stack Developer | 2023 — Present

- Architected and implemented multiple full-stack web applications with Next.js and TypeScript, applying component-driven design for reusability and maintainability.
- Designed and built RESTful APIs with Node.js/Express and integrated PostgreSQL via Prisma for transactional data and persistent storage.
- Implemented authentication flows (JWT), secure form handling, and role-based protection for admin sections.
- Optimized performance and SEO via server-side rendering, metadata management, and Lighthouse-focused improvements; deployed to Vercel with CI workflows.
- Collaborated with stakeholders to translate requirements into technical specifications and incremental deliverables.

SELECTED PROJECTS

NepalRudrakshaLab — E-Commerce Platform

Tech: Next.js, TypeScript, Node.js, Express, MongoDB, Tailwind CSS

- Built a production-ready e-commerce platform with catalog, cart, checkout, order processing, and an admin inventory dashboard.
- Implemented search, pagination, and secure order APIs with validation and error handling.
- Delivered responsive UI with Tailwind CSS and accessibility considerations.

SchoolWorksPro Backend

Tech: Node.js, Express, MongoDB

- Implemented backend services for student records, attendance tracking, grade management, and role-based access for teachers and admins.
- Created well-documented API endpoints with request validation and logging to support frontend integrations.

ChatRoom — Real-time Messaging

Tech: Next.js, Firebase, Tailwind CSS

- Developed a real-time chat application supporting private and group chats, presence indicators, and typing status.
- Focused on low-latency UI updates and secure session handling.

Portfolio Website

Tech: Next.js, TypeScript, Tailwind CSS

- Built a recruiter-focused portfolio showcasing projects, skills, and contact flows.
- Structured the homepage as modular sections (Hero, About, Skills, Projects, Contact) and centralized SEO metadata.

EDUCATION

Continuing Bachelors in Information Technology

- Ongoing focused learning in Bachelors in Information Technology at Texas College of Management and IT.

ACHIEVEMENTS

- Delivered multiple production-ready applications combining frontend and backend responsibilities.
- Built an accessible, SEO-optimized personal portfolio aimed at technical recruiters and clients.

ADDITIONAL INFORMATION

- Problem-solving mindset with strong attention to architecture and maintainability.
- Practical UI/UX awareness for building intuitive interfaces and improving conversion metrics.
- Comfortable in collaborative development environments using Git and CI/CD pipelines.