

Samarpit Nagpal

Full-Stack Developer

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samarpitnagpal.dev

nsamarpit25

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Aspiring Full-Stack Developer with hands-on experience in building web applications using React, Next.js, TypeScript, Node.js, and MongoDB. Passionate about creating scalable systems and responsive user interfaces. Continuously enhancing my skills by staying updated with the latest development technologies and exploring best practices. Dedicated to delivering high-quality, user-focused solutions while striving to grow as a developer.

TECHNICAL SKILLS

Frontend Development Technologies

React.js | Next.js | Tailwind CSS | State Management

Backend & Database

Node.js | Express.js | MongoDB | Rest APIs | SQL

Programming Languages

TypeScript | JavaScript | Python (Basics)

C/C++ (Basics)

Tools & Concepts

Problem Solving | Git | GitHub | Postman | OOPS

Data Structures (Basics) | Algorithms (Basics)

PROJECTS

Online Library Platform

[API](#) [Frontend](#) [Live](#)

Full-stack eBook store with integrated reader and author publishing system

- Developed full-stack eBook platform with Node.js/Express backend and React/TypeScript frontend, implementing RESTful APIs
- Built secure authentication system with JWT, email verification, and role-based access using custom middleware
- Created integrated ePub reader with progress tracking, bookmarking, and theme customization using EPubJS
- Implemented comprehensive author dashboard for book publishing, sales analytics, and content management
- Integrated cloud storage for book files and Stripe payment gateway for secure transactions
- Enhanced user experience with responsive design, dark mode, and offline reading capabilities

React • TypeScript • Node.js • Express • MongoDB • Redux Toolkit • EPubJS • Stripe API • Cloudinary

Hotel Management System

Dual-portal system for hotel operations and customer bookings

Customer Portal

[Code](#) [Demo](#)

- Built responsive booking interface using Next.js App Router, gaining expertise in server-side rendering and API routes
- Implemented real-time availability checking and cabin management system using React Query and Supabase
- Enhanced UX with features like dark mode, loading states, and toast notifications using modern React patterns
- Developed user authentication and profile management, implementing secure auth practices with Supabase Auth
- Created dynamic pricing system and booking management, improving state management skills with React Query

Next.js 14 • React Query • Supabase • Styled Components • React Hook Form

Admin Dashboard

[Code](#) [Demo](#)

- Developed dashboard displaying critical KPIs including occupancy rates, revenue metrics and booking analytics using React Query and Recharts for data visualization
- Implemented comprehensive booking management system with check-in/out functionality and guest information tracking
- Built CRUD operations for cabin management with image upload and dynamic filtering capabilities
- Developed settings management system for hotel configurations, improving state management with Context API

React • React Query • Styled Components • Supabase • Recharts

EDUCATION

Bachelor of Computer Applications

IGNOU (Indira Gandhi National Open University)

January 2022 - Present

12th Grade (Non-Medical)

Pratap Public School, Karnal

April 2022

INTERESTS

System Design | Problem Solving | Chess