NIDHIN B

Full Stack Developer (MERN | Next.js | NestJS)
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LinkedIn | GitHub | Portfolio

PROFESSIONAL SUMMARY

Full Stack Developer skilled in React, Next.js, Node.js, NestJS, TypeScript, and MongoDB. Built and deployed a multi-tenant SaaS platform, an e-commerce application, and real-time chat apps on AWS, using JWT/RBAC authentication, Redis caching, Socket.IO, and WebRTC. Seeking a full stack role to ship reliable, scalable features in an agile team.

TECHNICAL SKILLS

Languages: JavaScript (ES6+), TypeScript
Frontend: React.js, Next.js, Redux Toolkit, Zustand, Tailwind CSS, Material UI, Chakra UI, HTML5, CSS3
Backend: Node.js, Express.js, NestJS, REST APIs, JWT, RBAC, Socket.IO, WebRTC
Databases: MongoDB, PostgreSQL, Redis
DevOps & Cloud: AWS (EC2), Docker, Git, GitHub, Linux, CI/CD basics
Tools & Integrations: Postman, Figma, VS Code, Razorpay, Google OAuth 2.0, Map APIs
Practices: Clean Architecture, SOLID Principles, Agile/Scrum

PROFESSIONAL EXPERIENCE

Full Stack Developer Trainee | Greenmen Consulting Pvt. Ltd., Chennai 2024

- Developed frontend and backend features using React.js, Next.js, Node.js, Express.js, MongoDB, and TypeScript.
- Built and consumed REST APIs and integrated third-party services into web applications.
- Worked in an Agile team: sprint planning, code reviews, debugging, and testing.
- Used Git, Docker, AWS EC2, PostgreSQL, and Redis in deployment workflows.

PROJECTS

Employee Management SaaS Platform | *Next.js, NestJS, MongoDB, Redis, Docker, Zustand* Live Demo | GitHub

- Built a multi-tenant SaaS platform for HR and project management using Clean Architecture and a modular monolith design.
- Implemented JWT authentication, OTP verification, RBAC, invitation-based access, and Google/GitHub login.
- Developed HRMS modules (employees, attendance, leave, departments, approvals) and Jira-style sprint, backlog, and issue tracking.
- Added real-time notifications, chat, and video calls with Socket.IO and WebRTC; improved performance with Redis caching.
- Deployed on AWS EC2 with a custom domain.

Trendrove – Full-Stack E-Commerce Application | *React, Express.js, MongoDB, Redux, Socket.IO, Material UI, Tailwind CSS* Live Demo | GitHub

- Built a fashion e-commerce platform with product variants, inventory tracking, search, filters, cart, and wishlist.
- Secured the app with JWT, HTTP-only cookies, RBAC, and protected routes.
- Integrated Razorpay payments and built order placement, tracking, cancellation, returns, refunds, and coupon management.
- Added live order tracking with Map APIs and real-time support chat and order notifications via Socket.IO.
- Deployed on AWS EC2 with a custom domain.

Real-Time Chat Application | *React, Express.js, MongoDB, Redux, Socket.IO, Material UI* Live Demo | GitHub

- Developed a messaging platform supporting one-to-one and group chats with JWT authentication and protected routes.
- Implemented real-time text, emoji, image and video sharing, delivery updates, and persistent chat history.
- Built group management with admin controls, roles, and participant management; deployed on AWS EC2 with custom domain routing.

PDF Extractor – PDF Editing Application | *React.js, Node.js, Express.js, Google OAuth 2.0* Live Demo | GitHub

- Built an app to upload PDFs, select and delete pages, and download the edited file.
- Implemented Google OAuth 2.0 login with protected routes to save each user's document changes.
- Added individual page selection and editing, letting users choose specific pages to modify within a PDF.
- Enabled users to save the updated document and download the final edited PDF.

EDUCATION

Professional Training – Full Stack Development (MERN Stack) – Brototype | Trivandrum 2024 – 2026

- Built and deployed multiple production-grade applications, including marketplace and service platforms.
- Developed responsive frontends using React.js, TypeScript, Next.js, and modern frontend frameworks.
- Designed scalable backend systems using Node.js, Express.js, and TypeScript.
- Implemented real-time features, authentication systems, payment integrations, and third-party APIs.
- Applied Clean Architecture principles and scalable system design concepts in hands-on projects.
- Strengthened skills in debugging, performance optimization, maintainable code, and professional communication.

Higher Secondary Education (12th Standard)

GTMO Matriculation Higher Secondary School

Gudalur, The Nilgiris, Tamil Nadu, India 2022

LANGUAGES

English (Professional), Tamil (Native), Malayalam (Native)