Nitish Manral

+91-9105071108 | nitishmanral9@gmail.com | Github | linkedin | nitishmanral.site

SUMMARY

Full Stack Software Engineer with **2.5+ years** shipping end-to-end products in React, Next.js, Node.js, and TypeScript. I talk with clients to turn vague requirements into well-defined features, then build the UI, REST APIs, and data layer — with JWT/RBAC, MongoDB/PostgreSQL, Redis, Docker, and CI/CD.

EXPERIENCE

Coderoofs IT Solutions Jun 2025 – Present
Full Stack Developer Haryana

- Lead client calls to clarify goals and edge cases, then break them into well-defined UI + API features with acceptance criteria
- Ship React/Next.js frontends and Node.js/TypeScript REST backends with typed contracts shared across the stack
- Delivered **6+** production products on time by slicing work into vertical features and reviewing PRs end-to-end
- Cut key API latency by **~40%** with indexing, query batching, and caching; keep UIs fast with lean layouts and careful re-renders
- Speed releases by **~30%** using Docker + GitHub Actions build/test/deploy; debug production issues across UI and API

Amaze Soft Solutions Jul 2024 – Jun 2025
Full Stack Software Developer Haldwani

- Maintained ASP.NET Core + SQL services while leading a legacy site ' React migration with reusable components and stable routing
- Built a school **CMS** (CRUD APIs + admin UI) so staff publish pages/media without waiting on engineering
- Ran client discussions to turn classroom/admin needs into clear features, acceptance criteria, and UAT checklists
- Integrated third-party APIs in server handlers with auth checks so secrets and business rules stay off the client

PROJECTS

Test ExamPrep — Full Stack Exam Platform [Site]

- Build Next.js role dashboards + Express REST APIs for question banks, attempts, reports, and multi-role JWT/RBAC
- Offload scoring/notifications to **Redis** workers + cron; confirm payments through Razorpay webhook handlers
- Model MongoDB boards'topics'questions and wire test-taking UI with clear progress and error states

NetsWork — Marketplace Full Stack [Site]

- Ship Next.js discovery/booking UI with PostgreSQL-backed booking APIs, approvals, payments, and notifications
- Sync live availability over WebSockets so web/mobile clients update without polling
- Support multi-role flows for vendors, coaches, and users with Google Maps–backed location UX

WOU Frequency Music — Audio Platform [Site]

- Build versioned REST APIs for catalogs/playlists/playback; gate premium audio via JWT claims vs subscription tier
- Persist content in MongoDB; connect Stripe checkout/webhooks; expose admin UI routes for catalog and analytics

ShiftFlow — Scheduling App [Site]

- Create Next.js drag-and-drop calendars with FullCalendar + Zustand, role-based views, and conflict feedback in the UI
- Polish responsive interactions with Tailwind + Framer Motion for fast manager edits

TECHNICAL SKILLS

Frontend: React.js, Next.js, TypeScript, Tailwind CSS, Framer Motion, Zustand
Backend: Node.js, Express.js, ASP.NET Core, REST/HTTP/JSON, GraphQL, WebSockets
Data: MongoDB, PostgreSQL, SQL, Redis, Data Modeling, Indexing
Auth & Delivery: JWT/RBAC, Docker, GitHub Actions, CI/CD, Git, Firebase
Integrations: Stripe, Razorpay, Google Maps, Twilio, OpenAI API

EDUCATION

B.Tech Computer Science & Engineering 2021 – 2024
Amrapali Group of Institutes — DSA, Algorithms, OOP, Databases Haldwani · 69.9%

Diploma Computer Science & Engineering 2018 – 2020
Govt. Polytechnic, Sult — Programming, Networking, DB labs Almora · 69.7%