LALIT KUMAR RANA

Full Stack Engineer | Node.js · NestJS · React · Angular
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Portfolio | GitHub | LinkedIn

SUMMARY

Full stack engineer with 5+ years designing and shipping production web and mobile systems on Node.js/NestJS, React, Angular and React Native. Owns features end to end, from data modelling and API design through deployment and production support, and mentors junior developers. Built healthcare booking platforms and a real-time device management system for clients in India and Vietnam, with a focus on clean API contracts, type safety and reliable real-time communication.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, PHP, SQL

Backend: Node.js, NestJS, Express.js, Socket.io, Prisma, Laravel, CodeIgniter 3/4

Frontend & Mobile: React.js, Next.js, Angular, React Native, Tailwind CSS

Data: PostgreSQL, MySQL, MongoDB

Engineering: REST API design, real-time systems (WebSockets), data modelling, validation layers, deployment, production monitoring, Git, Linux

EXPERIENCE

Software Engineer | Webart Solutions **Sep 2023 – Present**

- Own backend development across client products in healthcare and ad-tech: API design, data modelling, integrations and production releases on Node.js/NestJS and CodeIgniter 4, with React and Angular frontends.
- Mentor junior developers through code reviews, debugging support and onboarding to project codebases, raising code quality across the team.

Zenoheal – Health Package Booking Platform *(NestJS, Prisma, React Native)*

- Architected and built the platform end to end: NestJS + Prisma backend and React Native client for real-time health package booking.
- Designed a validation and sanitization layer at the API boundary, keeping mobile and backend data in sync and stopping malformed input before it reaches the database.
- Enforced strict TypeScript typing across API contracts and data fetching, resolving long-standing compilation issues and removing a whole class of runtime errors.
- Modelled the booking lifecycle (Active, Completed, Expired) and built the dashboard that tracks it.

Prowtech – Real-time Digital Signage Platform (Vietnam client) *(Node.js, Socket.io, Angular)*

- Designed the Socket.io communication layer between the backend and a network of large-format screens in malls and commercial centers.
- Built remote device management (reboot, live health monitoring), so the client could resolve screen issues without on-site visits.
- Delivered the ad scheduling engine and Angular control panel for campaign scheduling and live display status; worked directly with the client on requirements.

Victoriavn – Clinic Booking System *(React, CodeIgniter 3)*

- Delivered clinic slot booking and health package purchase, covering slot availability, booking flow and service catalogue.

Backend Developer | Trigent Software Pvt. Ltd **Jul 2022 – Sep 2023**

- Designed and built Laravel REST APIs for core application modules and owned their integration into the frontend.
- Implemented authentication, request validation and the data layer for key business workflows.
- Handled production issues across backend and frontend, diagnosing and shipping fixes after release.

Full Stack Developer | Lennox Software **Jan 2021 – Jan 2022**

- Built **RateASaree** end to end: Angular frontend with modular components and routing, CodeIgniter 3 API backend and database design.

EDUCATION

Master of Computer Applications (MCA) – Ranchi University 2016 – 2019

B.Sc. Information Technology – Ranchi University 2013 – 2016