

MOHANRAJ M

Frontend Engineer

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PROFESSIONAL SUMMARY

Frontend Engineer with 3+ years building and scaling web and mobile applications using React.js, Next.js, TypeScript, React Native, Node.js, and MongoDB. Combines technical depth with 4+ years of Business Development experience to translate business requirements into high-quality user experiences. Shipped products used by 10,000+ users; currently freelancing on end-to-end solutions leveraging AI-assisted development workflows to accelerate delivery.

TECHNICAL SKILLS

Frontend : JavaScript (ES6+), TypeScript, React.js, Next.js (SSR & CSR), Tailwind CSS, React Router

State Management : Zustand, TanStack Query (React Query), Context API, React Hook Form

Mobile : React Native, Expo, Firebase, App Store Connect, Google Play Console

Backend : Node.js, Bun.js, Express.js, Nest.js, MongoDB

AI Technologies : Prompt Engineering, Prompt Caching & Optimization, OpenAI API, Google Gemini API, Anthropic Claude API, Generative AI, AI Feature Development

Testing & Accessibility : Vitest, WCAG, ARIA, Semantic HTML

Payments : Stripe, Razorpay

Tools : Git, GitHub, Postman, ESLint, Vite, Sentry

PROFESSIONAL EXPERIENCE

Frontend Engineer — Freelancer

Remote | Jan 2026 – Present

- Own end-to-end architecture — frontend, backend, database design, and payment integration — for multiple client products built with React.js, Next.js, Node.js, and MongoDB.
- Ship AI-powered features using Gemini and Claude APIs, applying prompt engineering and prompt-caching strategies to optimize latency and API cost.
- Adopt AI-assisted development workflows (Claude Code, ChatGPT) to shorten delivery cycles across client projects.

Healthsoft — Health Care Platform | <https://healthsoft.in/>

Freelance Project | May 2026 – Present

- Design and build the complete user journey — onboarding through order completion — for a healthcare booking platform using React.js.
- Integrate ERP APIs and contribute to the Command Centre, a centralized dashboard for operational management.

Magikast — AI-Powered Story Generator for Children | <https://magikast.com/>

Freelance Project | Jan 2026 – Apr 2026

- Engineered a full-stack AI storytelling platform for personalized story and avatar generation using Gemini and Claude APIs.
- Owned the end-to-end product lifecycle: authentication, story-generation workflows, Stripe payment processing, order management, and automated PDF storybook generation.
- Accelerated delivery using Claude Code and AI-assisted engineering practices.

Junior Software Engineer

Vish Gyana Technology Solutions Pvt Ltd | Chennai | Sep 2023 – Oct 2025

- Delivered responsive, WCAG-compliant web and mobile apps (React.js, Next.js, React Native, Expo) using semantic HTML and ARIA.
- Built reusable component libraries and scalable frontend architecture, using SSR/CSR, lazy loading, and code splitting to improve performance and SEO.
- Authored unit tests (Vitest, RTL) and integrated REST/WebSocket features, converting Figma designs into production code within Agile sprints.

Homeyhuts – Property Management Platform | <https://homeyhuts.com/>

- Delivered a full-stack property booking platform (User, Host, Admin, and Mobile apps) on a shared API ecosystem, scaling to 10,000+ users.
- Engineered multi-role authentication with Aadhaar verification and RBAC, enabling property discovery, booking, pricing, and earnings tracking.
- Built a custom Admin CMS and analytics dashboards with Sentry monitoring; shipped releases to Google Play and the App Store.

Intern – Full Stack

Vish Gyana Technology Solutions Pvt Ltd | Chennai | Jun 2023 – Aug 2023

- Contributed to production apps (React.js, Next.js, React Native), delivering interfaces and API integrations – earned full-time conversion in 3 months.
- Resolved frontend bugs and performance issues across projects, including TNULM, shipping stable features with Zustand and React Query.

PERSONAL PROJECTS

DevDesk – Project Management Tool for Freelancers & Solo Developers |

<https://dev-desk-web.vercel.app/>

Aug 2026 – Present

- Building a full-stack project management tool for freelancers and sole developers to manage projects, tasks, notes, events, and time logs in one place.
- Designing and implementing both frontend (React.js) and backend (Node.js, Express.js, MongoDB) independently, end-to-end.
- Structured the codebase as a pnpm monorepo (separate API and app packages), using Docker for local development and deploying the API to Vercel.

ADDITIONAL EXPERIENCE

Business Development Executive

Technocrats India College Finder | Chennai | Feb 2018 – Aug 2022

- Drove revenue growth through sales strategy execution, pipeline management, and long-term institutional partnerships.
- Synthesized client feedback into product and UX improvements, building the foundation for a transition into engineering.

EDUCATION

B.E. – Mining Engineering | College of Engineering Guindy | Jan 2013 – Jan 2017

Transitioned into software engineering through self-directed learning and hands-on professional experience.