

Rahul Thapliyal

Frontend-Focused Full Stack Developer

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Frontend-focused Full Stack Developer specializing in React and Next.js, with experience building and shipping production web applications from frontend architecture to backend integrations. Experienced with authentication workflows, REST APIs, AI-powered features, payment systems, and responsive dashboard architectures. Strong focus on scalable UI systems, maintainable application structure, performance, and delivering polished user experiences.

Skills

Frontend

TypeScript, React.js, Next.js, JavaScript, Tailwind CSS, Framer Motion, TanStack Query, Zod, Redux

Backend & APIs

Node.js, Express.js, MongoDB, Firebase, REST APIs, PostgreSQL, Prisma, JWT auth

Core Engineering

Frontend Architecture, State Management, Performance Optimization, Responsive Design

Integrations & Infrastructure

Google OAuth, Firebase Admin Auth, Gemini AI API, Razorpay, Shiprocket API, Vercel, Postman, CodeRabbit

Professional Experience

Freelance, Full-stack Developer

08/2023 – 11/2024

Remote

- Delivered 15+ production websites for travel agencies, gyms, dental clinics, local businesses, and e-commerce brands, building responsive, mobile-first applications with React, PHP, CSS, and backend integrations.
- Worked directly with business owners to translate requirements into complete web solutions, developing user interfaces alongside booking flows, contact forms, maps, API integrations, and business-specific functionality.
- Improved performance, accessibility, SEO, and overall reliability through frontend optimization, reusable components, responsive architecture, backend integration, and production-focused development practices.

[Numora](#) 🔗, Founding Engineer

12/2024 – 01/2026

Remote

- Contributed to core product development in a team, building responsive Next.js interfaces including landing page from Figma designs.
- Developed reusable component systems and authentication-based workflows for production features.

[Paramount Infosystems](#) 🔗, Frontend Developer

02/2026 – 04/2026

Delhi

- Built and shipped 18+ responsive sites at Paramount Infosystem, reducing cross-device inconsistencies through a reusable component library in vanilla JavaScript.
- Refactored multiple pages, improving Lighthouse scores from ~55 to 90+ and reducing mobile LCP by 1.2 seconds.
- Developed reusable layouts, responsive interaction patterns, and frontend workflows across multiple products.
- Collaborated on production-ready UI enhancements to improve usability and responsiveness.

Freelance, Full-stack Developer

05/2026 – Present

Remote

- Developed a full-stack e-commerce platform IshtaCrafts featuring authentication, product catalog, checkout, pagination, and admin management systems.
- Integrated Razorpay payments and Shiprocket shipping APIs to automate order and fulfillment workflows.
- Improved API performance using Redis caching and rate limiting, reducing response times by approximately 40% under load.

Projects

Office Furniture Demo UI, *Business showcase website* | Next.js, Tailwind CSS

- **The Problem:** Small furniture retailers often rely on outdated or template-heavy websites that fail to showcase products attractively or convert visitors into inquiries.
- **The Solution:** Built a modern, responsive demo site with clean product showcases and mobile-first design to demonstrate how a lightweight storefront can improve customer engagement. [Live](#) 

RepoLens, *Codebase indexing and semantic search tool* | Next.js, PostgreSQL, pgvector, Gemini AI

- **The Problem:** Reading and understanding massive, unfamiliar codebases manually is slow and frustrating for developers.
- **The Solution:** Built a custom AI search engine that clones GitHub repositories and allows users to "chat" directly with the codebase to instantly find context and logic. [Live](#) 

CaptainCRM, *Customer intelligence platform* | Next.js, PostgreSQL, Coral

- **The Problem:** Businesses lose money because billing data and support tickets are scattered across different platforms, making it hard to see when a customer is about to cancel.
- **The Solution:** Built a centralized CRM that unifies scattered data to automatically predict and flag customer churn before it happens. [Live](#) 

ExecTracks, *Personal progress tracking platform* | Next.js, Framer Motion

- **The Problem:** Most productivity apps let you game the system - marking tasks done without real accountability. There was no tool that tracked your progress honestly, so I built one for my shipathon.
- **The Solution:** Built a productivity platform that centralizes goal tracking, daily logs, and streak systems into one place - with analytics dashboards, focus mode, and public progress sharing to drive real accountability and consistency. [Live](#) 

Inboxara, *Cut through the noise. Read what matters* | OAuth, Groq API, Gemini API

- **The Problem:** Traditional email clients like Gmail can feel cluttered and overwhelming, making it difficult to identify high-priority messages and stay focused.
- **The Solution:** Built a custom email client with a hyper-minimal interface, real-time synchronization, and AI-powered summaries that surface the most important emails first. [Live](#) 

Education

Bachelor of Computer Applications (BCA), Manipal University

2023 – 2026