Rakesh Vanam

Full Stack Software Engineer | React.js, Node.js, TypeScript, MongoDB
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Skills

Languages: JavaScript (ES6+), TypeScript, HTML5, CSS3, SQL, Python
Frameworks & Libraries: React.js, Node.js, Express.js, Next.js, React Native, Redux Toolkit, Tailwind CSS
Backend & Databases: REST APIs, third-party API integration, MongoDB, PostgreSQL, Supabase, OAuth, JWT, schema design
Tools: Git, Vite, Vercel, Expo, Firebase, Sentry, PostHog

Work Experience

Freelance Web Developer February 2026 — Present
Independent *Hyderabad, India*

- Design, build, and deploy responsive websites for local businesses, owning frontend development, monitoring, and release iteration; continue developing and releasing Pulsezy.

Frontend Engineer (Contract) December 2025 — January 2026
Qoris AI *Remote (US-based)*

- Rebuilt a production embeddable React and TypeScript chat widget for third-party websites, delivered as script-tag, iframe, and npm integrations.
- Built reusable components with runtime-configured light, dark, and automatic themes and responsive behavior across desktop, tablet, and mobile; packaged a self-contained Vite bundle with CSS isolation to prevent host-page conflicts and layout shifts.
- Implemented Server-Sent Events (SSE) streaming with error handling, retry logic, graceful fallbacks, and session and history persistence.

Independent Developer June 2025 — December 2025
Self-driven

- Built and shipped Snipix end to end using TypeScript and Next.js, owning architecture, schema design, REST APIs, reusable UI, OAuth/JWT authentication, and deployment.

Full Stack Developer (Intern) December 2024 — June 2025
5th Dimension Technologies *Hyderabad, India*

- Owned frontend architecture for a server-side rendered Next.js educational app with interactive storytelling, audio-text synchronization, and e-commerce flows.
- Managed Redux Toolkit state with caching, pagination, retry logic, and error boundaries; built an LMS with OTP onboarding, bulk registration, assessments, and Razorpay payments.

Projects

Snipix | *Next.js 14, TypeScript, Tailwind CSS, Express.js, MongoDB, NextAuth* | snipix.vercel.app

- Built a developer workspace with structured workspaces, categories, snippets, and syntax highlighting on a Next.js frontend and Express.js REST API, with full-text search using MongoDB text indexes.
- Implemented OAuth authentication with NextAuth and built a JWT authentication bridge between the Next.js frontend and the Express.js REST API.
- Built multi-level sharing and email invitations so collaborators can access shared workspaces and snippets.

Pulsezy | *React Native, Expo, TypeScript, Zustand, Supabase, Firebase* | Google Play

- Independently built and launched an adaptive fitness app on Google Play, taking it from onboarding and closed beta to public release.
- Structured the app around 94 reusable UI components, 44 custom hooks, and 10 Zustand stores; integrated Firebase push notifications, Sentry crash reporting, and PostHog analytics.
- Built deterministic engines for progression, recovery, and plateau detection behind workout generation across 438 exercises and 19 training goals.

Education

SR University Warangal, Telangana
B.Tech in Computer Science *Graduated 2024*