

Maram Venkataramireddy

Frontend Engineer

Bengaluru | venkataramireddy2000.maram@gmail.com | +91 7671088749 | [linkedin.com/in/venkataramireddy-maram-web-developer](https://www.linkedin.com/in/venkataramireddy-maram-web-developer) | github.com/ramireddy078

PROFESSIONAL SUMMARY

Frontend Engineer with 2 years of production experience building techbench.ai, a B2B talent-augmentation platform, as the primary frontend engineer on its Next.js codebase. Contributed to core architecture decisions including rendering strategy (SSR, Streaming SSR, and SSG via App Router), server/UI state separation (React Query + Redux Toolkit), and an Edge-enforced auth layer (RBAC middleware, httpOnly JWT). Focused on building maintainable, scalable frontend systems and diagnosing performance and state-management issues at the root cause.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, HTML, CSS

Frameworks & Libraries: React.js, Next.js (App Router), Redux Toolkit, React Query (TanStack Query), Tailwind CSS, shadcn/ui

Architecture & Performance: SSR, SSG, CSR, Streaming SSR (React Suspense), ISR (conceptual knowledge), React Server Components, code splitting & dynamic imports, memoization, Core Web Vitals, RBAC, httpOnly JWT auth

Backend & Database: Node.js, Express.js (REST APIs), MongoDB, WebSocket

Tools & Testing: Git, GitHub, Chrome DevTools, Lighthouse, @next/bundle-analyzer, CI performance gates[, Jest / React Testing Library]

EXPERIENCE

Software Engineer

Nov 2024 – Present

Techbench Technologies Pvt. Ltd. (internally transferred from Thinsil Technologies Pvt. Ltd., Apr 2026)

- Led frontend development on techbench.ai, a B2B platform connecting enterprises with pre-vetted technical talent, as the primary frontend engineer, setting rendering, state, and auth architecture with Next.js App Router from day one through production launch, in collaboration with a team of 17 members
- Used SSR for authenticated dashboards, converting them from standard SSR to Streaming SSR using React Suspense — rendering each section as its own API call resolves, with per-section fallbacks instead of blocking the full response on all data
- Built the landing page using SSG, pre-rendering it at build time since it required no per-request dynamic data — removing runtime rendering cost for that route
- Investigated production bundle composition using @next/bundle-analyzer to identify potential opportunities for reducing initial JS payload through lazy-loading of large dependencies
- Used shadcn/ui component library with Tailwind variants to accelerate development, building reusable UI pieces — searchable dropdowns, data tables, modals, and role-aware navigation — with a consistent props API across the codebase, cutting per-feature scaffolding time from ~2 days to ~half a day
- Migrated the frontend from a component-centric to a feature-based architecture, reducing cross-module coupling
- Built a real-time notification and chat system over WebSocket with reconnection handling and optimistic UI, eliminating polling overhead for message and alert delivery
- Separated server state (React Query) from UI state (Redux Toolkit) with tag-based cache invalidation to auto-expire related queries on mutation — cutting redundant API calls by 40% and eliminating stale-data bugs
- Implemented RBAC enforcement at the Edge using Next.js Middleware to reject unauthorized requests before reaching origin servers, across four user role boundaries
- Secured session handling by storing JWTs in httpOnly cookies to prevent XSS-based token theft, and validated CSRF tokens on all state-mutating endpoints

Frontend Developer Intern

Jul 2024 – Oct 2024

Thinsil Technologies Pvt. Ltd.

- Built responsive, production-ready UI components for core techbench.ai frontend modules by translating Figma designs into code, using React.js, Tailwind CSS, and shadcn/ui alongside senior engineers
- Connected authentication flows, user dashboards, and role-based views to backend services by integrating RESTful APIs built with Node.js and Express.js

EDUCATION

B.Tech, Godavari Institute Of Engineering And Technology — Rajamahendravaram

Nov 2020 – Apr 2023

Diploma (Polytechnic), Nuzvid Polytechnic

2017 – 2020