SAI TEJA NAGAPURI

Front-End Engineer | React · TypeScript · Next.js · Node.js
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SUMMARY

Frontend engineer with 2+ years shipping production web applications in JavaScript, TypeScript, React, and Next.js. Founding engineer who has taken two products from zero to production, including a hiring platform launched in 16 weeks that now serves 3,000+ barbershops. Track record of measurable wins: 40% faster page loads, 35% fewer regressions, and zero-downtime releases. Works backwards from the customer, turns product and design direction into reusable, production-ready UI components.

TECHNICAL SKILLS

Frontend: JavaScript (ES6+), TypeScript, React, Next.js, HTML5, CSS3, Tailwind CSS, Responsive Design, Web Accessibility, Reusable Component Libraries, WebSockets

Backend & Data: Node.js, Python, FastAPI, REST APIs, PostgreSQL, Supabase, Redis, OpenAI API, LangChain

Testing & DevOps: Cypress, React Testing Library, Docker, GitHub Actions CI/CD, Git/GitHub Code Review, Agile Development, AI-Assisted Development (Claude, Codex)

CS Fundamentals: Object-Oriented Design, Data Structures, Algorithms, Complexity Analysis, Performance Optimization

PROFESSIONAL EXPERIENCE

Founding Engineer — Barber Recruit **May 2026 – Present**

Remote | React, Next.js, TypeScript, Node.js, HTML, CSS

- Launched a premium hiring platform from scratch to production in 16 weeks as the sole engineer, now serving 3,000+ barbershops across New Jersey; owned frontend, backend, database, and deployment, partnering directly with the CEO.
- Architected a 260+ component Next.js/React/TypeScript frontend on a shared library of 26 typed UI primitives, so every dashboard, auth, and landing page is assembled from reusable building blocks instead of one-off code.
- Designed the database schema and REST API layer powering the core recruiting workflows, abstracting backend complexity behind clean, typed interfaces consumed by the UI.
- Delivered an accessible, search-optimized experience scoring 91 on Lighthouse Accessibility and 100 on SEO in production, iterating with the CEO on barber and employer feedback.

Software Engineer — Bckers, Inc. **Jun 2025 – Jul 2026**

Remote | Fintech | React, TypeScript, WebSockets

- Owned the frontend end-to-end for a fintech platform, building React/TypeScript financial dashboards that stream 1,000+ live financial records over WebSocket feeds.
- Cut dashboard load time 40% by implementing list virtualization, lazy loading, and memoization across data-heavy financial views.
- Reduced regression bugs 35% by building a Cypress + React Testing Library suite covering every critical user flow.
- Achieved zero-downtime releases by building the team's GitHub Actions CI/CD pipeline from scratch, with every change tested and code-reviewed before merge.
- Integrated the UI with Python/FastAPI services sustaining sub-300ms response times under concurrent load.

AI Engineer Intern (Full Stack) — KJR Software Services Inc. **Aug 2024 – Jun 2025**

Remote | React, TypeScript, Python

- Shipped 3 AI-powered features to production end to end (React frontends, REST APIs, inference microservices) serving 10K+ daily requests at sub-500ms p99 latency.
- Raised document-classification F1-score 18% through iterative evaluation and tuning against business precision/recall targets.
- Enforced TypeScript and API-contract standards across a shared codebase through daily code reviews as both author and reviewer.

Technology Developer Intern — Real AI Dynamics (RAID) **Mar 2024 – May 2024**

Remote | React, Python

- Improved chatbot accuracy 20% on a 500-query labeled test set for a full-stack React + Python app, and cut pipeline latency 30% via batching and caching.

PROJECT

Real-Time Financial Dashboard | *Next.js, React, TypeScript, Tailwind CSS, WebSockets*

- Owned design to deployment (Figma, Tailwind CSS UI, Cypress tests, CI/CD) for a production dashboard streaming 1,000+ live records, including the PostgreSQL schema.

EDUCATION

M.S. Computer Science — New Jersey Institute of Technology, Newark, NJ **Dec 2024**

B.S. Computer Science — Bharath Institute of Higher Education and Research, India **May 2023**