

Robert Khayat

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PROFESSIONAL SUMMARY

Full-Stack Engineer with 10+ years building scalable TypeScript and JavaScript applications. Track record of leading frontend teams, migrating monolithic platforms to microservices, and shipping AI-powered products. Deep expertise across the React ecosystem, Node.js, cloud infrastructure, and modern AI tooling.

SKILLS

Languages and Frameworks: TypeScript, JavaScript, Python, React, Next.js, Node.js, React Native, NestJS, GraphQL, Redux, Zustand

Cloud and Backend: Google Cloud Platform, Firebase, AWS, PostgreSQL, MongoDB, Redis, Prisma, Vercel

DevOps and Tools: Docker, Kubernetes, GitHub Actions, CI/CD, Terraform, Playwright, Vitest, Cypress, Storybook

AI and Modern Stack: OpenAI API, Gemini API, Vertex AI, Vector Databases, Tailwind CSS, styled-components, Material-UI, deck.gl

WORK EXPERIENCE

Self Employed | Freelance Software Engineer

January 2013 to Present

Delivering end-to-end software solutions for startups and enterprises alongside full-time roles since 2012.

Famous AI Labs | September 2025 to June 2026

- Architected and shipped multiple AI-powered mobile applications and web features using React Native, TypeScript, and OpenAI/Gemini APIs
- Owned full application lifecycle from feature ideation through automated testing with Playwright and Vitest
- Built across the full stack including React Native mobile apps, web platform features, and AI integrations

Offender Watch | January 2024 to August 2024

- Sole architect and developer of a commercially sold SaaS product
- Designed system architecture, built the full-stack application, and delivered production-ready handoff to the client team

FM Global | Lead Frontend Developer

September 2023 to June 2025

- Promoted to Lead Frontend Developer, overseeing architecture and delivery of a new internal platform from the ground up
- Engineered scalable React/TypeScript UI architecture with a comprehensive shared component library, accelerating feature development across teams

- Established coding standards, code review processes, and CI/CD workflows adopted by the full frontend team
- Partnered with backend engineers on API contract design, aligning frontend and backend system integration
- Diagnosed and resolved critical production bugs, contributing to platform stability and core architectural decisions

Intrepid Networks | Senior Fullstack Software Engineer

July 2020 to April 2023

- Architected large-scale data visualization platform using React, deck.gl, and Google Maps API, serving real-time geospatial data
- Designed distributed component architecture deployed via private npm registry, enabling cross-team reuse across multiple products
- Spearheaded monolith-to-microservices migration, decomposing the core platform into independently deployable services
- Developed React Native proof-of-concepts that bridged into existing iOS and Android native codebases
- Integrated legacy Java systems with Microsoft Azure AD, enabling single sign-on for a large government agency
- Built Node.js/Prisma/PostgreSQL services within an existing Java ecosystem, extending platform capabilities

Liquid Web | Software Engineer

July 2019 to August 2020

- Developed and enhanced the React/Redux web hosting management platform, shipping new features and UI improvements
- Collaborated cross-functionally with frontend engineers on feature implementation and code reviews
- Contributed to technical documentation and frontend development best practices

WestRock Company | Frontend Engineer

December 2018 to June 2019

- Built the foundation for a documented, themeable component library spanning React and React Native
- Implemented complex UI components including data tables, file upload systems, and markdown editors
- Developed reusable component patterns adopted across multiple enterprise applications
- Contributed to frontend development of the core enterprise web application

Florida Blue | UX and ReactJS Developer

March 2017 to August 2018

- Built a reusable UI pattern library using React, Redux, styled-components, and CSS Grid, adopted across multiple product teams
- Developed shared cross-application components, reducing frontend duplication and accelerating delivery across projects
- Led a frontend redesign that drove measurable improvements in customer satisfaction and reduced operational costs
- Architected a Redis-based proof-of-concept enabling cross-application real-time communication
- Designed responsive, accessible interfaces with a focus on information architecture and usability

AAA National Office | UI / UX Developer

March 2015 to January 2016

- Developed responsive UI for an internal platform serving 50 million+ AAA members nationwide
- Built application features using HTML, CSS, JavaScript, and AngularJS
- Created an admin dashboard for data analysis using MongoDB, Node.js, and Google Graph API
- Drove early React.js adoption by prototyping and integrating reusable components during AngularJS migration
- Partnered with QA team on JavaScript and Angular debugging, improving release quality

EDUCATION

Certifications, Web Development Seminole State College of Florida | 2012 to 2016

PROJECTS

[teammap.co](#) | Collaborative real-time mapping platform with live synchronization

[rob-makes.web.app](#) | Personal portfolio and technical blog