

Miguel Cancel

Full-Stack Software Engineer

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PROFESSIONAL SUMMARY

Full-stack software engineer experienced in building and shipping production applications using React, TypeScript, and Node.js across micro frontend, event-driven, and serverless architectures. Strongest in frontend ownership, performance optimization, and production system reliability. Independently built a React Native iOS application while managing architecture, infrastructure, and release workflows end-to-end.

SKILLS

Languages: TypeScript, JavaScript, SQL

Frontend: React, React Native, Next.js, HTML/CSS, Tailwind CSS, Micro Frontends

Backend: Node.js, PostgreSQL, REST APIs, Authentication & Authorization, Event-Driven Architecture, Serverless Architecture

Cloud & Infrastructure: AWS (Lambda, S3, CloudWatch), Supabase, CI/CD, GitHub Actions, Docker

AI / ML: Claude, OpenAI API, RAG (Retrieval-Augmented Generation), Pinecone, Vector Databases

PROFESSIONAL EXPERIENCE

Software Engineer — Treez Inc. | Aug 2024 – May 2026

- Reduced API load by ~90% for automated collection workflows by replacing expensive server-side count calculations and 10,000-page-size API requests with optimized client-side state management, eliminating timeout and memory issues for large organizations.
- Built and maintained customer-facing POS and catalog management features used by hundreds of organizations across React, TypeScript, Node.js, and PostgreSQL services within microfrontend, event-driven, and serverless architectures.
- Designed scalable CSV import workflows supporting hundreds to thousands of product updates using S3, batching, and chunked event processing to improve downstream reliability and prevent failures during large catalog imports.
- Led frontend repository ownership initiatives, contributing refactors and architectural improvements that improved maintainability, onboarding, and long-term scalability.
- Investigated and resolved customer-impacting production incidents using AWS CloudWatch and Grafana across distributed event-driven systems.

Founder & Mobile Engineer — Prayora | 2025 – Present

- Independently built a React Native iOS prayer and journaling application focused on habit consistency, reminders, and structured prayer tracking workflows.
- Managed end-to-end product development across frontend architecture, backend infrastructure, deployments, monitoring, CI/CD, and release management as a solo developer.
- Released beta builds through TestFlight to 10+ testers while preparing the application for public App Store launch.

- Designed scalable filtering and pagination systems that transition between client-side and server-side processing based on dataset size, improving performance for large journal and prayer collections.

Software Engineer — Anoka Technical College | Jan 2024 - May 2024

- Led a team of 3 developers to design and build an automated peer evaluation platform, owning backend infrastructure and contributing to frontend, streamlining the evaluation process for professors and students.

Web Developer — Cooper's Floors | Jul 2023 - Sep 2023

- Redesigned the company website to improve usability, navigation, and customer experience.

Tennant Company | Nov 2021 - Jan 2025

EDUCATION

Anoka Technical College — Associate in Applied Science — Software Development

Scrimba — Front End Developer Career Path