Dan Vo

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SUMMARY

Full stack developer with 3+ years shipping web and mobile apps at early-stage startups, including LLM-powered features. Currently testing autonomous vehicle software at Zoox, reproducing and documenting issues for engineering triage. Strong in TypeScript, React/React Native, and Node.js, with hands-on experience validating safety-critical software.

EXPERIENCE

Vehicle Ops - Advanced Testing **May 2026 – Present**

Zoox, Inc. *(an Amazon subsidiary)* *San Francisco, CA (Onsite)*

Developing purpose-built autonomous vehicles for robotaxi ride-hailing services

- **Regression-test software releases** through structured on-road test cases before production deployment to the public robotaxi fleet, collecting sensor and mileage data for engineering analysis.
- **Monitor autonomous system behavior in real time,** intervening when necessary to maintain strict safety standards.
- **Identify, reproduce, and document software anomalies**, edge cases, and performance issues in detailed reports for engineering triage and escalation.
- **Troubleshoot software issues** during missions using terminal commands, scripts, and documented workflows.

Full Stack Developer (Part-Time) **Mar 2023 – Present**

Wander Travel *- Pre-Launch Startup* [Demo Code**: wanderingwheretogo]** *San Francisco, CA (Remote)*

Collaborative travel planning web app with itinerary management, interactive maps, and real-time sharing; launching late 2026

- **Primary developer on a 5-person team (3 engineers, 2 designers),** shipping features end-to-end from Figma mockups to production through code review with senior and staff-level engineers.
- **Led the shift to a mobile-responsive platform and a full rebrand,** adding responsive breakpoints, touch-optimized interactions, and a consistent visual identity across devices.
- **Cut Google Places API costs by 75%** with a caching layer for frequently accessed place data and photos, plus refresh logic to keep content current.
- **Help run beta testing with 20+ users**, gathering feedback through an in-app reporting link and turning user reports into prioritized fixes and features.

Tech: React, TypeScript, Redux Toolkit, Firebase (Firestore, Hosting), Google Places API

Full Stack Developer **Jul 2024 – Oct 2025**

Necterine *- Early-Stage Startup* *Los Angeles, CA (Remote)*

iOS app for relationship wellness and personal growth, offering AI-powered coaching and interactive self-care tracking

- **Shipped the MVP to the iOS App Store,** owning TestFlight distribution, App Store review cycles, and production releases.
- **Engineered a custom image pipeline** with Sharp, Amazon S3, and Cloudflare CDN, reducing media load times by 60% and storage costs by 40%.
- **Developed an AI coaching chatbot** with a professional relationship coach, designing system prompts, guardrails, fallback handling, and response validation to keep outputs safe and on-brand.
- **Built a gamified wellness dashboard** from 0 to 1 and led a full product overhaul (rebranded UX, performance, security).
- **Established code conventions, deployment guides, and onboarding docs,** cutting new-engineer ramp-up time by ~50%.

Tech: React Native, Expo, NestJS, GraphQL, Prisma, AWS (S3, EC2), Cloudflare CDN

SKILLS

Languages: TypeScript, JavaScript, Swift, Python, SQL

Frontend & Mobile: React, React Native, Expo, Next.js, SwiftUI, Redux Toolkit, Tailwind CSS

Backend & Cloud: Node.js, PostgreSQL, GraphQL, NestJS, Firebase, Supabase, Prisma, AWS, Cloudflare, Git

EDUCATION

Springboard - *Software Engineering Bootcamp* | **University of California, Riverside -** *B.S. Business Administration, Marketing*