

VICTOR FERNANDEZ

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SUMMARY

Software engineer with 3+ years of professional front-end development experience building production applications with React, React Native, Next.js, and Firebase. Built a payment processing gateway from the ground up and collaborated on enterprise-scale projects within a 20-person team. Recently architected and shipped three full-stack applications as a solo developer — a 1,050-commit mobile platform (179 screens), a social fitness app (130+ tests), and a trading journal with real-time analytics. Experienced in AI-augmented development workflows.

TECHNICAL SKILLS

Languages & Frameworks: JavaScript, TypeScript, React 18, React Native (Expo SDK 53), Next.js, AngularJS, Redux, HTML5, CSS3, SASS/SCSS

UI & Styling: Material UI v5, Styled Components, Tailwind CSS, CSS-in-JS

Backend & Services: Firebase (Auth, Firestore, RTDB, Cloud Functions, Cloud Storage), REST APIs

Mobile: React Native, Expo SDK 53 (Dev Client), iOS & Android deployment, EAS Build & Submit CI/CD

Testing & Quality: React Testing Library, Jest, WCAG 2.1 AA, code splitting, lazy loading, React.memo, SSR, SEO

Tools: Git/GitHub, Vite, Figma, Claude Code (AI-assisted dev), Sentry, Mapbox GL, i18next, Recharts

PROJECTS

Fit Social — *Social Fitness Platform* | Solo Developer | 2020 – Present

React 18, Firebase (Auth, Firestore, Storage), Material UI 5, Styled Components, CRA

- **130+ tests, custom SVG charts** (zero library dependency), **9+ notification types, dark/light theming, WCAG 2.1 AA**. Full-stack social fitness platform with complete auth, multi-type post feed, real-time follow/like/comment with optimistic updates, and infinite-scroll activity feeds
- Developed custom SVG chart components (Donut, Line, ProgressRing), workout tracker with exercise database, nutrition dashboard with macro tracking, and accountability partner system with streaks
- Custom design token system, styled component primitives with skeleton loaders, mobile-first responsive layout; clean architecture with service layer, Context state management, error boundaries, code splitting, and SEO via react-helmet

Track Trade — *Forex Trading Journal & Social Platform* | Solo Developer | 2020 – Present

React 18, Vite, Firebase (Auth, Firestore, Storage), Material UI v5, Recharts, SCSS

- Full-stack trading journal with social networking, trade logging with calculated metrics (pips, P/L, win rate), interactive equity curves, currency performance breakdowns, and embedded TradingView charts
- Led full modernization: **CRA → Vite, React 17 → 18, Router v5 → v6**, replaced deprecated MUI APIs; fixed auth listener memory leaks, race conditions, and cleaned significant tech debt
- Trade idea sharing with risk/reward analysis, real-time messaging, achievement system, leaderboard, and reusable component library

Location-Based Social & Gamification App — *Technical Co-Founder* | Aug 2025 – Mar 2026

React Native 0.79, Expo SDK 53, Firebase (Firestore, RTDB, Cloud Functions, Auth), Mapbox GL 3D, React Query, i18next

- **1,050+ commits, 179 screens, 776 components, 5,900+ Cloud Functions, 133 test suites, full EN/ES i18n**. Sole developer of a production mobile app with TikTok-style video feed, 3D Mapbox maps, and real-time messaging
- WhatsApp-style messaging (1-on-1, group, community up to 10K), multi-squad social groups with role-based permissions, shared calendars, challenge arenas, gamification engine with 300+ missions and XP/leveling
- Split-context state management for granular re-render control, modular service facade, custom memory leak detection, and full CI/CD with EAS builds and App Store / Play Store submissions
- Built with **AI-augmented development workflows using Claude Code** for agentic code generation, debugging, and rapid iteration

PROFESSIONAL EXPERIENCE

Relationship Banker | Bank of America, FL

Jul 2024 – Present

- Manage client portfolios across consumer banking products including deposits, lending, and investment referrals
- Cross-functional collaboration with lending, investment, and small business teams to deliver comprehensive financial solutions

Front-End Developer | Dental Whale, Remote

Jan 2022 – Sep 2022

AngularJS, React.js, Next.js, TypeScript, SASS

- Collaborated within a 20-person development team on multiple concurrent projects, delivering solutions that met or exceeded client expectations
- Maintained and optimized codebases to improve performance, ship new features, and resolve production bugs across concurrent workstreams
- Consistently met project deadlines and demonstrated strong work ethic across multiple parallel deliverables

Front-End Developer | Ireland Pay, Miami, FL

Nov 2020 – Dec 2021

React.js, Redux.js, Material-UI

- Established the software department and built the payment processing gateway from the ground up — architecture, design, and full implementation
- Collaborated closely with a designer to ensure frontend solutions met the highest standards of functionality and user experience
- Worked closely with the backend developer to integrate the frontend with the API, ensuring seamless communication and functionality
- Contributed to code reviews and provided feedback to team members, ensuring projects were completed on time and to quality standards

EDUCATION

Full-Stack Web Development | Ironhack Miami Coding Bootcamp

2020

Computer Science | Miami Dade College

2017 – 2019