Fernando Amezcua Alcantar

Senior Mobile Engineer

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B.S. in Information Technology. Engineering - Universidad Tecnológica de Manzanillo (2017) - Degree Conferred

Professional Summary

With over 8 years of experience, I specialize in building high-quality cross-platform applications. Proficient in **React Native, Node.js, Firebase on iOS and Kotlin**, with a strong background in **scalable backend systems, RESTful APIs, and serverless architectures**. I am passionate about crafting **performant and user-centric mobile experiences**. I have had the opportunity to take the leadership role and help with the product design in most of the apps where I have worked.

Skills

Mobile Development: React Native CLI, Expo CLI, EAS, TypeScript, Cross-platform, iOS (Swift), Android (KT), AR (React Vision), Audio Processing, MapBox (Maps), API Context, Redux Toolkit, React Query, GPS, Hooks, Multi Media Management (Gallery)

Frontend & UI: Styling Systems (NextUI, Styled Components, AntDesign, Bootstrap, **Nativewind**), UI Implementation from Figma, Testing (Jest, Detox, React Native Testing Library)

Backend & APIs: Node.js, Express.js, Firebase (Authentication, Firestore, Cloud Functions), REST API Design, Server-Side Rendering (SSR) with Next.js, OAuth, GraphQL, AWS, GCP

DevOps & CI/CD: Continuous Integration / Continuous Deployment (GitHub Actions, CircleCI, Bitrise), Version Control (Git, GitHub, Bitbucket, GitLab)

Methodologies & Leadership: Agile (Scrum, Kanban), Team Leadership

Professional Experience

Senior Mobile Engineer, Encora Inc. - Remote

Nov 2023 – Present

- Co-led VoCap with Staff Engineer app using React Native and Audio Native iOS modules.
- Optimized audio performance with AudioEngine and JUCE.
- Scaled the application to **20K+ installs** and maintained a **3.7-star rating** across diverse user segments, demonstrating consistent adoption and measurable user satisfaction.
- Delivered the app to the stores, implementing new features and bringing the product to market.
- Developed a custom gallery module to retrieve and manage videos and audio files directly from the device.
- Enhanced the video and audio capture flow in React Native by integrating native iOS modules.

- Helped to supervise the new releases and semantic versioning.
- Built the A/B testing infrastructure with feature flags in firebase

Mid-Senior Mobile Engineer, Luxoft by DXC - Remote

Dec 2021 – Nov 2023

- React Native/Firebase engineer for GHX platform with more **than 1k downloads**.
- Cut crash rate from 10% to <3%, enhanced performance in the API request.
- Developed modular map components and standardized global state management using Redux.
- Optimized Map rendering performance during GeoJSON data retrieval with Redux Toolkit.
- Centralize all the API Request on the app with Redux Thunk
- Applied A/B testing for new features.
- Integrated and consumed AWS services as specified by the backend team, optimizing data flows and application processes
- Contributing to micro frontends, I added native iOS/Android features.

Mobile Software Engineer, MagmaLabs - Remote

Jan 2020 – Nov 2021

- Led gamification & subscriptions for **Beanstack app with more than 500k downloads.**
- Architected scalable code, implemented CI/CD.
- Built Quik for **GoPro** (Next.js, TypeScript, OAuth2, Adyen, i18n) **used by 100k of users monthly**.
- Resolved on-demand service requests promptly, meeting all deadlines.
- Solved Server Side Rendering challenges, deployed to AWS and Datadog services.

Full-Stack Software Engineer, Woodward Logistics - Remote

Oct 2017 – Jan 2020

- Led the Mobile Development department working in full live mobile cycle.
- Built multimedia doc system with React, Next.js, MSSQL, MySQL, Redux, Redux Thunk.
- Developed Two React Native apps for logistics teams published on play store.
- Collaborated with non-technical stakeholders to get the requirements and apply the tech solutions.
- Maintained production, staging and test environments and Linux infrastructure working with VPS server.
- Created different strategies to use AWS and GCP and ensure the modern backend arch.

Jr. Full-Stack Software Engineer, D80 - Remote

Dec 2016 – Nov 2017

- Developed UIs with PHP, JavaScript, Dojo, and REST APIs.
- Built reusable components and supported modular design.
- Collaborated with non-technical stakeholders to collect requirements and communicate the technical limitations and opportunities effectively.
- Collaborated on architecture, testing, and requirements.