

Andrés Vinueza

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Summary

- Latino Software Engineer with a decade of innovative, collaborative, & technical excellence
- Grew Visible's, a startup, user base from **1k to 700k**, showcasing strong technical direction
- Drove technical architecture for Walmart's cross-functional teams in **front-end, back-end, and data science**
- Showcased executive presence by leading multiple presentations to high profile leadership
- Handled production issues efficiently, ensuring timely resolutions and postmortem improvement

Skills

- Languages: Swift | SwiftUI | Objective-C | Java | Kotlin | Python | Javascript | C++ | React-Native
- Technologies: iOS SDK | Combine | CocoaPods | GCP | Firebase | REST APIs | Git | Fastlane | Jenkins
- Data & ML: CoreML | Vision | TensorFlow | Scikit-learn | Numpy | Pandas | OpenCV
- Leadership: Team Leadership | Mentorship | Stakeholder Management | Conflict Resolution | Strategic Planning | Project Management | Cross-Functional Collaboration

Experience

Walmart Global Tech

Principal Software Engineer, Tech Lead

Remote | 01/2024 - Present

- Directed the **\$8M annual cost-saving** project from architecture through deployment, including team management and hiring; presented outcomes to senior leadership, securing new partnerships
- Led and mentored an **agile team of 17**, tripling the team size by pitching resourcing needs to leadership
- Fostered open communication, collaboration, and high performance within the team through retrospectives
- Strategized and developed a robust iOS/Android native **SDK platform**, improving releases from monthly to bi-weekly

Staff Software Engineer

Remote | 02/2023 - 01/2024

- Developed a greenfield codebase, using MVVM-C, for object detection and product recognition using **CoreML**
- Implemented a CI/CD pipeline with **Fastlane**, cutting manual release steps by **80%**
- Architected a framework leveraging **SwiftUI, AVFoundation, and Vision** for computer vision use-cases
- Championed OAuth 2.0 with OpenID Connect via ASWebAuthenticationSession, enhancing security

Visible

Principal iOS Engineer, Tech Lead

Remote | 03/2022 - 02/2023

- Directed initiatives improving eSIM activations, resulting in **300k+** orders and increased margins
- Led a **20-member iOS team** across various product verticals, establishing technical direction and strategy
- Oversaw app releases, merging features, and preparing for App Store launch

Staff iOS Engineer

Remote | 07/2019 - 03/2022

- Led a **5-member iOS team** through 8 projects, from requirements to production deployment
- Pioneered the swift integration of eSIM via CoreTelephony, capturing **22%** of all orders
- Integrated Quantum Metric SDK for **ML-driven** user journey insights, reducing UX friction
- Established new UI standards with the design team, improving development consistency
- Developed modular UIKit components with Swift & AutoLayout to create RESTful **server-driven UI**
- Seamlessly integrated **APIs** using **URLSession, JSONDecoder, and CoreData**, enhancing app performance

Android Developer

Irving, TX | 07/2019 - 12/2019

- Transformed existing UX to use server-driven UI component to support a second client app, Yahoo Mobile
- Enhanced app versatility by integrating diverse environment types through **Firebase**, optimizing adaptability

Verizon

Project Manager

Basking Ridge, NJ | 07/2018 - 07/2019

- Directed the rollout of 5 cutting-edge 5G demo experiences, emphasizing the next-gen connectivity
- Achieved **\$100k** in budget savings by optimizing processes and reducing outsourcing

Android Developer

Irving, TX | 07/2017 - 07/2018

- Launched a rewards program, resulting in a **33% increase** in enrollments and **69% rise** in redemptions
- Integrated third-party **SDKs** for real-time home network protection and led proof of concept ideas

Education

MSc in Computer Science, Machine Learning | Georgia Institute of Technology

Atlanta, GA | 2019 - 2023

BSc in Computer Engineering | Clemson University

Clemson, SC | 2013 - 2017