Luis Alcaraz Leal

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Professional Summary

Technical Leader and Full Stack Mobile Architect with 10+ years of experience delivering scalable, compliant software across healthcare, fintech, and enterprise platforms. Proven success leading cross-functional and distributed engineering teams, driving full lifecycle development from architecture to release. Expert in React Native, Swift, Node.js, and CI/CD with a strong focus on mobile-first strategy, cloud-native infrastructure (AWS), and regulatory standards (HIPAA, ISO 27001). Adept at aligning engineering outcomes with product goals and mentoring high-performing teams in Agile environments.

Skills

React Native, Swift, Kotlin, Java, Node.js, TypeScript, Express, MongoDB, PostgreSQL, Firebase, Firebase Cloud Messaging (FCM), REST APIs, GraphQL, Redux, Zustand, Docker, Git, GitHub Actions, Fastlane, CI/CD, AWS (EC2, S3, CloudFront, Lambda), Twilio, BLE, ARKit, Android Studio, Android SDK, iOS App Store, Google Play Store, App Center, Jest, Detox, E2E Testing, Agile/Scrum, Jira, ISO 27001, HIPAA Compliance, OAuth 2.0, SSO, Salesforce Integration

Professional Experience

React Native Technical Lead | Dentsu International (Merkle Inc) | Remote | Aug 2022 – Present
- Lead development of high-performance, cross-platform mobile applications for Enterprise Mobility (formerly Enterprise Holdings) using React Native, targeting Enterprise and National rental platforms.
- Architect secure, scalable mobile solutions aligned with enterprise compliance standards, including ISO 27001 and OneTrust.
- Mentor cross-functional Agile teams on mobile engineering best practices, CI/CD pipelines, and code quality improvements.
- Collaborate with stakeholders and product teams to align technical delivery with business goals and user experience standards.
- Delivered v8.1 of the Enterprise app, rebuilt from the ground up using React Native for improved maintainability and performance.
- Integrated OneTrust framework across iOS and Android apps to meet privacy and data compliance requirements.
- Led implementation of security features such as SSL certificate pinning and resolution of vulnerabilities flagged by WhiteHat.

Lead Mobile Application Developer | Breezeway, Inc. | Remote | Dec 2021 – Jun 2022
- Led the in-house React Native mobile development team, delivering feature-rich, cross-platform applications for iOS and Android.
- Owned the complete mobile development lifecycle, including architecture, implementation, testing, CI/CD pipelines, and app store deployments.
- Managed end-to-end CI/CD workflows, improving release reliability and reducing deployment cycle time by 30%.
- Collaborated with stakeholders to define priorities, troubleshoot issues, and ensure alignment of mobile features with business requirements.

- Delivered multiple production releases to the Apple App Store and Google Play Store with a focus on performance, reliability, and user experience.
- Established code quality standards and release best practices to improve team productivity and consistency.

Senior Mobile Application Developer | Zinc Partners LLC | Indianapolis, IN | Dec 2019 – Nov 2021
- Delivered full-stack and mobile solutions as a consultant across healthcare, workforce, and logistics domains, specializing in iOS development, React Native, and Salesforce integrations.
- Built and maintained native iOS applications in Objective-C and Swift for enterprise clients, including Program Productions and Camping World.
- Developed cross-platform mobile apps and backend services using React Native, Node.js, and Ember.js to support scalable business applications.
- Integrated Salesforce functionality into custom mobile apps to streamline client workflows and automate business processes.
- Architected and implemented Twilio-powered communications features for real-time messaging and alerts across multiple enterprise clients.
- Led full-stack JavaScript development for Mentridge's healthcare platform, delivering secure, HIPAA-compliant mobile solutions.
- Developed custom Salesforce and Twilio modules for clients such as MS Companies, Sinewave Tech, and SP+ to enhance engagement and internal operations.

Mobile / Web Developer | Level Up Development | Indianapolis, IN | Jan 2018 – Nov 2019
- Developed cross-platform mobile applications using React Native and native iOS apps in Swift for clients in healthcare, AR, and enterprise communications.
- Built full-stack features for mobile and web platforms using modern JavaScript frameworks, Node.js, and RESTful APIs.
- Delivered AR-based functionality using Apple's ARKit, enabling interactive 3D features in client-facing iOS applications.
- Integrated Twilio-based communication workflows to support real-time messaging and custom alert systems.
- Created Nosh, a React Native app for dietitians to manage personalized meal plans and track patient progress in clinical settings.
- Built NewPro+, an ARKit-powered iOS app for NewPro Containers, allowing landscape designers to stage and share augmented reality planter layouts.
- Rebuilt INR and VAD management modules for Orthodynamics, streamlining healthcare workflows related to billing, claims, and patient tracking.
- Led redesign and implementation of the corporate website and developed multiple Twilio-first mobile prototypes for client-facing use cases.

Mobile / Web Developer | Healthcare Anywhere, LLC | Indianapolis, IN | Apr 2016 – Dec 2017
- Led development of Healthcare Anywhere, a HIPAA-compliant telehealth platform supporting secure doctor-patient communication across mobile and web.
- Built and maintained hybrid mobile applications for iOS, Android, and Windows UWP using Cordova, PhoneGap, and Ionic Framework.
- Migrated legacy LAMP stack to a modern MEAN architecture, improving performance, scalability, and system maintainability.

- Refactored backend systems, transitioning from MySQL to MongoDB and optimizing deployment workflows using AWS and Docker.
- Delivered cross-platform telehealth applications with full HIPAA compliance, supporting real-time communication and data security.
- Spearheaded CI implementation to reduce deployment friction and enhance platform reliability.
- Integrated AngularJS with Node.js for improved frontend-backend synergy and modular code structure.
- Supported Caria, the company's core healthcare system, through full-stack modernization and mobile enablement.

Mobile Developer | Cognizant | Jun 2015 – Mar 2016
- Developed hybrid mobile applications for iOS and Android using Cordova and PhoneGap with offline-first architecture.
- Designed and implemented custom JavaScript libraries for offline mapping and tile caching to improve app performance in low-connectivity environments.
- Created TileWallJs, an ECMAScript-compliant offline mapping library integrated with Leaflet, Mapbox, and OpenStreetMap, leveraging SQLite for local caching.
- Delivered client-facing apps including WashApp, KarenNet Party List, and mappd, using AngularJS, PHP, SQLite, and Google Maps API with full backend integration.
- Optimized offline sync strategies to reduce data usage and improve reliability in enterprise field environments.
- Acted as a liaison between offshore development teams in India and local stakeholders, leading Scrum ceremonies and supporting Agile workflows as a junior Scrum Master.

Additional Professional Experience
Mobile / Web Developer | Grupo Gráfico Meggico | Dec 2012 – May 2015
- Led IT and development for enterprise clients including BBVA, Banamex, and Canon. Built hybrid mobile and responsive web apps using HTML5, jQuery, and PhoneGap. Architected the CIM Framework for rapid app deployment; delivered 10+ enterprise projects with offline-first, low-bandwidth optimization strategies.

Web Developer / Networking Engineer | Flextek Resources | Dec 2010 – Dec 2012
Delivered web development and wireless network solutions for enterprise clients across Latin America, including PepsiCo and Mead Johnson. Led bilingual client-facing projects, combining Cisco-based VoIP/wireless deployments with web and mobile application development for marketing and financial platforms.

Networking Engineer – GE Money (GE Capital Mexico) | May 2006 – Dec 2010
- Managed enterprise data networks as part of GE Mexico's Global Infrastructure Services team. Led wireless infrastructure deployments, disaster recovery planning, and VoIP optimization across multi-site operations. Contributed to network security, QoS, and ISP management.

Software Engineer – ASCI Inc. / HP | Oct 2005 – May 2006
- Led QA efforts for HP's Web JetAdmin software, focusing on functional, regression, and usability testing across Unix and Red Hat Linux platforms. Designed test plans, automated test cases, and contributed to cross-functional UX improvements using tools like Rational Rose and RFT.

Education
B.S. in Telecommunications and Informatics | Universidad de Colima, Colima, Mexico |
Graduated 2005

Certifications
- Twilio Platform Certification for Partners
- GIAC HIPAA Security Implementation (GHSC)
- HIPAA Associate (HIPAAA)

Legacy Certifications
- Cisco Certified Network Associate
- Cisco Certified Network Professional
- Cisco Certified Security Professional