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Senior React Native Engineer | Mobile Tech Lead | Fintech & Secure Apps
Alberto Iván García Montemayor

Professional Summary

Mobile software engineer with 5+ years of experience in React Native and technical leadership. Specialized in TypeScript and mobile security for fintech applications. Skilled at leading agile teams, improving delivery quality through testing and code reviews, and contributing across company repositories on GitHub 2,100+ commits and PRs overall. Seeking to bring expertise in fintech, mobile security, and scalable UX to global teams, driving product quality, stability, and long-term growth.

Work Experience

Vector Casa de Bolsa

Mobile Tech Lead / Senior Mobile Developer   **Jan. 2020 – Aug. 2025**

Vit by Vector (2022–2025): Led the development of a financial marketplace (mutual funds, stocks, insurance, retirement plans) with strong focus on UX and security. Managed a team of 6 developers under Scrum, reviewing 15–20 PRs/week and delivering stable bi-weekly releases. Implemented Face ID, MFA, AES-256 encryption, and jailbreak/root detection; deployed an AI-powered chatbot. Strengthened unit testing and code reviews, driving a significant reduction in QA and production incidents.

VectorApp (2020–2022): Developed an investment operations app (stocks, ETFs, mutual funds, market analysis) in React Native with secure integrations. Optimized investment flows, reducing operation times by 20%.

Overall, during my tenure at Vector (2020–2025), I contributed over 600 commits to the main repository and more than 2,100 commits/PRs across company repositories, reinforcing the reliability, scalability, and security of the mobile ecosystem.

Accenture

Web Developer   **Sep. 2018 – Feb. 2019**

Built an internal portal using Angular within a Scrum team. Automated mobile testing with Appium and Selenium.

Alvero Photography Studio – Monterrey, Mexico

Web Developer   **Sep. 2014 – Aug. 2018**

Built and maintained an e-commerce platform with PayPal integration. Applied UX principles, increasing conversion rate by 15%.

Education

Universidad de Monterrey (UDEM)   **San Pedro, México**

B.S. in Computer Science   **Aug. 2013 – Dec. 2020**

Courses & Certifications

Courses	Platform	Year
Ultimate AWS Certified Cloud Practitioner CLF-C02	Udemy	2023
React and TypeScript: Build a Portfolio Project	Udemy	2022

Technical Skills

Languages: English (TOEFL ITP 560 – professional working proficiency), French (B1 – intermediate).

Mobile Development: React Native (advanced), TypeScript, Redux Toolkit, GraphQL, REST APIs, Firebase, Apollo Client.

Security: Biometric authentication (Face ID/Touch ID), MFA, data encryption, secure storage, jailbreak/root detection.

Testing & Quality: Jest, React Native Testing Library, linting, SOLID principles, PR code quality reviews.

Deployment & CI/CD: TestFlight, Google Play, APK/AAB, QA coordination, GitHub Actions.