Lance Roberts

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EXECUTIVE SUMMARY

Senior Mobile Engineer with 15+ years of software development experience and deep expertise in Flutter, iOS, and Android application development.

Proven track record delivering enterprise-scale mobile solutions across retail, fintech, banking, telecommunications, and e-commerce.

Experienced in leading cross-functional teams, designing scalable architectures, improving engineering practices, and delivering high-quality mobile applications used by millions of customers. Passionate about scalable architecture, engineering excellence, CI/CD automation, and creating exceptional user experiences.

TECH STACK

Languages: Swift, Kotlin, Dart, Objective-C
Frameworks: Flutter, SwiftUI, UIKit, Combine, Jetpack Compose
Architecture: MVVM, Modularization, SOLID, Clean Architecture, BLoC (Flutter)
Tools: Xcode, Android Studio, Fastlane, Bitrise, AppCenter, Git, Firebase, Jira, Confluence
Testing: XCTest, XCUITest, Firebase Crashlytics
DevOps: CI/CD pipelines (Bitrise, Fastlane)
App Stores: Apple App Store, Google Play, Huawei App Gallery

EDUCATION

Bachelor of Technology, Information Technology (2014)
Tshwane University of Technology

National Diploma, Information Technology (2005)
Tshwane University of Technology

LANGUAGES

English (Fluent) | Afrikaans (Fluent)

HIGHLIGHTS & IMPACT

- **15+ years** of enterprise software engineering experience across **Flutter, iOS, and Android** mobile development.
- Delivered **enterprise-scale mobile applications** across the **banking, fintech, retail, publishing, telecommunications, and e-commerce** sectors.
- **Reduced mobile release times** through CI/CD automation (using **Bitrise** and **Fastlane**), streamlined engineering workflows, and release process improvements.
- Led **mobile engineering initiatives** across Flutter, iOS, and Android, driving architecture, engineering standards, technical direction, and cross-platform delivery.

EXPERIENCE

Bash (TFG) – Remote (SA) | Senior Mobile Developer (Flutter)
JUN 2025 – JUL 2026

As a Senior Mobile Developer, I contribute to the development of Bash's flagship e-commerce mobile application, delivering scalable Flutter solutions used by millions of customers. Working within cross-functional Agile teams, I design, build, test, and maintain high-quality features while driving engineering excellence, performance, and platform consistency across iOS and Android.

Key Responsibilities & Achievements

- Develop and maintain large-scale Flutter applications using clean architecture, BLoC, dependency injection, and modular design principles.
- Deliver customer-facing features for one of South Africa's largest retail e-commerce platforms, ensuring high performance, reliability, and usability.
- Partnered with Product Managers, UX Designers, QA Engineers, Backend Engineers, and Analytics teams to deliver high-quality mobile experiences.
- Design and implement reusable widgets, shared components, and scalable application architecture to improve development efficiency.
- Integrate GraphQL APIs and backend services while ensuring robust error handling, state management, and offline resilience.
- Improve application stability, performance, and release quality through CI/CD enhancements and production monitoring.
- Build comprehensive automated unit, widget, and integration tests to maintain code quality and reduce regression risk.
- Drive engineering best practices through code reviews, technical design discussions, mentoring, and knowledge sharing.
- Participate in CI/CD improvements, release management, and production deployments across iOS and Android platforms.
- Implement analytics, experimentation, feature flags, onboarding experiences, customer engagement features, and deep linking solutions.

Technologies

- Flutter · Dart · BLoC · GraphQL · Firebase · Git · CI/CD · Bitrise · Fastlane · Android · iOS · REST APIs · Modular Architecture · Unit Testing · Widget Testing · Agile · Jira

Cash Connect (Connect Group) – Remote (SA) | Mobile Tech Lead (iOS & Android)
JUN 2022 – FEB 2025

Promoted from Senior Developer to Mobile Tech Lead to drive architectural strategy, cross-platform development, and team delivery for Cash Connect's mobile solutions.

- Led iOS, Android, and Flutter initiatives for enterprise fintech apps used by thousands of users.
- Architected a modular mobile platform that improved maintainability, code reuse, and long-term scalability.
- Introduced modern development practices including SwiftUI and Jetpack Compose to accelerate feature delivery.
- Established **CI/CD automation pipelines** via Bitrise, achieving 95% build reliability.
- Reduced crash rate by **35% (Android)** and accelerated release cadence by **40%**.
- Conducted code reviews, performance profiling, and mentored a cross-functional team of mobile engineers.
- Led architectural reviews and coordinated sprint planning with design, QA, and backend teams.
- Initiated the development of a Flutter proof-of-concept for a cash wallet app, designing the architecture with BLoC state management and integrating Microsoft Authentication and GraphQL for secure authentication and data handling.
- Led App Store, Play Store, Huawei AppGallery, and enterprise releases.

Cash Connect (Connect Group) – Remote (SA) | Senior Mobile Developer
APR 2018 - JUN 2022

- Delivered internal and external mobile applications with native Swift (iOS) and Kotlin (Android).
- Spearheaded legacy migration to MVVM architecture and modularized codebase.
- Ensured consistent testing and deployment via AppCenter and Fastlane.
- Partnered with Product Owners and UX Designers to define technical solutions and deliver customer-focused features.
- Offer strategic technical guidance to steer the overall direction of iOS and Android applications, as well as the underlying codebase.
- Owned the quality, architecture, and technical direction of enterprise mobile applications throughout the software delivery lifecycle.
- Oversee the deployment and submission processes to app stores such as Apple, Google, and Huawei, as well as internal app releases through platforms like AppCenter.

Britehouse - Johannesburg | Senior Mobile Developer (iOS)
AUG 2015 - MAR 2018

- Architected key features in Standard Bank's consumer-facing iOS apps.
- Initially part of the Cross-Border Payments feature team, later transitioned to the Wealth team focused on building the new My360 Wealth app.
- Worked in Agile Scrum teams, delivering features weekly in collaboration with cross-functional squads.
- Wrote unit tests to improve regression reliability and maintain high code quality.

ABSA - Johannesburg | Senior Mobile Developer (iOS)
AUG 2014 – JUL 2015

- Develop mobile banking app with backend integration, contribute to design/testing, build prototypes, and handle project estimation/setup.

Seecrypt - Centurion | Senior Mobile Developer (iOS)
NOV 2013 – JUL 2014

- Developed a secure, encrypted iOS messaging app with API integration, contributed to design and testing, and deployed to the App Store.

Gijima - Centurion | Senior Mobile Developer (iOS)
JAN 2013 – OCT 2013

- Developed and tested iOS apps for internal and external clients, integrating web services and deploying to the App Store.

TouchLab (Media24) - Cape Town | Senior Developer (iOS & PHP)
SEP 2011 – NOV 2012

- Development of the Die Burger Digital newspaper for the iPad and iPhone

Early Career: Senior PHP Developer (Various Roles)
2005 – 2011

- Developed web applications, CMS systems, APIs, and client web applications using PHP, MySQL, and custom MVC frameworks
- Gained foundational backend and full-stack experience before transitioning fully to mobile.
- Roles included:
    - Liquorice Africa - Cape Town | Senior PHP Developer | DEC 2010 - SEP 2011
    - GlobeTOM - Centurion | Senior PHP Developer | APR 2009 - NOV 2010
    - Shine Interactive - Midrand | Senior PHP Developer | JUN 2008 - MAR 2009
    - C.a.T.S - Pretoria | Senior Developer | SEP 2007 - MAY 2008
    - Parallel Software - Centurion | Senior PHP Developer | JUL 2005 - AUG 2007