ALI ZIWA

ENGINEERING LEADER | SENIOR MOBILE DEVELOPER

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Accomplished Android Architect with 10+ years of experience designing and deploying user-focused, scalable mobile applications. Proven ability to lead distributed engineering teams, deliver measurable business impact, and drive innovation in fast-paced environments. Expert in Kotlin, architecture patterns, and performance optimization. Passionate about elevating developer standards and building systems that transform digital experiences.

AREA OF EXPERTISE

Kotlin & Jetpack compose	Team Leadership	Offline-First Design
Mobile Architecture	Tensorflow lite	CI/CD Automation

PROFESSIONAL EXPERIENCE

Technical Lead - KForce Inc   **Jun 2021 - Present**

- Led the architecture and launch of HP's Android Omen streaming app, tracking over $50M in inventory across the Omen gaming division.
- Introduced advanced Jetpack Compose, Kotlin Coroutines, and modern SDK features, increasing team productivity.
- Mentored a distributed team of 12 engineers on Android best practices, introducing MVVM architecture patterns.

Senior Android Engineer - Engie Africa (Remote since 2020)   **Apr 2019 - Aug 2020**

- Developed and scaled an Android platform to support 500,000+ off-grid solar users, processing over $25M in energy transactions.
- Designed a resilient offline-first app using Room database and custom sync logic.
- Saved over $2M annually by reducing customer data errors by 90% using Firebase AutoML.

Android Engineer - Safeboda   **Sep 2015 - Apr 2019**

- Co-developed a ride-hailing platform that achieved a 65% market share and facilitated over 2 million rides
- Improved real-time location features, leading to a 40% reduction in wait times
- Created pixel-perfect user interfaces, contributing to a 4.8-star rating on the Google Play Store

EDUCATION

M.S in Computer Science   **Aug 2020 - April 2023**
Maharishi International University

- Major in Algorithm Design.
- Other focuses: Enterprise Architecture, Machine Learning

B.S in Software Engineering   **Aug 2010 - Feb 2015**
Makerere University

- Object-Oriented Programming, Design patterns, Systems Architecture

ADDITIONAL INFORMATION

- **Languages:** English, Spanish.
- **Certifications:** AWS Cloud Practitioner, Azure Fundamentals.
- **Awards/Activities:** Speaker and mentor in Android Tampa Dev Community. Led workshops mentoring Junior Developers Kotlin.