

# Job Description

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## Mobile Android Developer

**Company: Compulynx Limited**

Department: Technology / Engineering

Reporting To: Mobile Tech Lead

Location: [Kenya]

### Role Summary

The Mobile Android Developer will design, develop, and maintain the Android mobile application for Compulynx's solutions. The role is critical to delivering secure, high-performance mobile experiences that support document capture, biometric verification, remote identity onboarding, and seamless backend integration in regulated environments.

### Role Accountability

- Own end-to-end development of Android & iOS Applications
- Implement secure document capture, OCR integration, and biometric/liveness workflows
- Translate product and UX requirements into clean, maintainable Android & iOS implementations
- Integrate mobile applications with backend identity, verification, and onboarding APIs
- Ensure performance, security, stability, and scalability of mobile app features
- Participate actively in sprint planning, estimation, and delivery commitments
- Support QA, UAT, and production releases with timely defect resolution
- Maintain high code quality through reviews, testing, and adherence to standards

### Core Traits & Behaviors

- Strong ownership and accountability for mobile deliverables
- High attention to detail, especially when handling sensitive identity data
- Disciplined, structured approach to coding and problem solving
- Security-first and quality-focused mindset
- Collaborative team player comfortable working with Product, Backend, and QA teams

### Key Responsibilities

#### Mobile Application Development

- Develop Android applications using Kotlin (primary), Java, Flutter platforms
- Build user-friendly onboarding journeys with clear feedback and validation

#### Backend & API Integration

- Integrate RESTful APIs for identity verification, onboarding, and scoring services
- Handle network failures, retries, and edge cases gracefully

#### Performance, Quality & Security

- Optimize app performance, memory usage, and battery consumption
- Follow secure coding practices and data protection standards

#### Collaboration & Delivery

- Work closely with Product Managers, UI/UX designers, Backend Engineers, and QA teams
- Participate in Agile ceremonies and code reviews

#### Continuous Improvement

- Stay updated with Android/iOS platform changes and identity-focused mobile best practices

### Experience & Skills

- Bachelor's degree in Computer Science, Software Engineering, or equivalent experience
- 3-4 yrs. proven experience in Android development using Kotlin and iOS App Development
- Strong understanding of Android SDK, lifecycle, and device fragmentation
- Experience with REST APIs, Git, and modern Android architectures (MVVM / Clean)
- Familiarity with camera APIs, sensors, and third-party SDK integration

### Success Metrics (First 12 Months)

- Timely delivery of stable Android releases
- High quality of biometric and document capture workflows
- Low defect leakage into UAT and production
- Positive feedback from Product, QA, and Delivery teams