

JONES OMOYIBO

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ANDROID ENGINEER

Mobile Engineer with over 4 years of experience building scalable, high-performance native Android (Kotlin) and cross-platform Flutter applications, seamlessly integrated with backend Spring Boot microservices and RESTful APIs. Proficient in Clean Architecture, Jetpack Compose, Firebase, and Android Architecture Components, with a strong focus on secure, maintainable code. Currently seeking mobile-focused roles to contribute to robust user-centered products and grow toward technical leadership.

- Mobile Architecture & Scalable App Design • Cross-Platform Flutter Development • Android Architecture Components
- Modular Codebase & Clean Architecture • Performance Tuning & Optimization • Security & Data Protection • CI/CD

Languages: Java, Kotlin, Dart

Web Services: RESTful API Integration & Synchronization, GraphQL

Web/App Servers: Apache Tomcat, WebLogic

Frameworks: Android, Flutter, Spring Boot

Databases: PostgreSQL, MySQL, MongoDB, Room, SqLite

Design Patterns: Singleton, Decorator, Observer, Abstract Factory, Builder

SDLC: Agile, Scrum

Tools: Maven, Gradle, Git, Docker Compose, GitHub Actions, Azure CI/CD, Jenkins, Mockito, Swagger, Postman, Jetpack Compose

Platforms: Windows, Mac, Android, Firebase

PROFESSIONAL EXPERIENCE

CAREER NOTE: Completed on-campus studies and currently taking distance education courses to complete a **Master's Degree in Computer Science** (Available for full-time, W-2 employment).

UNION BANK OF NIGERIA, Lagos, Nigeria • 12/2021 – 10/2024

A leading financial institution providing retail, corporate, SME banking, digital platforms, and wealth management services.

Mobile Engineer (Android & Flutter)

Led development of secure, high-performance mobile banking apps, delivering scalable financial experiences across B2B and B2C domains.

- Developed secure onboarding and biometric login flows for Union360Mobile using Flutter and Firebase Authentication, reducing unauthorized access by 40%.
- Integrated end-to-end payload encryption, Payilant SDK, and role-based access control in Union360Mobile, resulting in a zero-fraud incident record over 12 months.
- Built features like transaction approvals, bulk/scheduled transfers, and real-time balance checks for Union360Mobile using Dio, Bloc, improving transaction efficiency by 95%.
- Refactored the mobile architecture of Union360Mobile with Clean Architecture, reducing developer ramp-up time by 30% and lowering production bugs by 45%.
- Engineered investment onboarding and personalized portfolio experiences in M36 using Jetpack Compose, Material 3, and custom composables, which boosted investment feature engagement by 3x.
- Implemented dynamic KYC/AML onboarding flows in M36 with custom state management and form rendering, reducing customer onboarding time by 60%.
- Built and managed reusable UI components in M36, decreasing UI implementation effort by 40% and improving visual consistency.
- Integrated Firebase Analytics, Crashlytics, and Remote Config in M36, leading to a 70% reduction in crash rate and improved experimentation.

Technologies Used: Kotlin, Jetpack Compose, Android SDK, Dagger Hilt, Room, Retrofit, Flutter, Firebase, Azure DevOps, REST APIs, Clean Architecture.

YASSIR INC, Bir Mourad Rais, Algeria • 01/2021 – 06/2021

Yassir is a ride-hailing and last-mile delivery company with headquarters in Bir Mourad Rais, Algeria.

Android Engineer

Optimized performance and refined UI/UX for Yassir Delivery app, enhancing user experience across diverse markets.

- Optimized Yassir Delivery app's UX by implementing Jetpack Compose UI components, enhancing interface intuitiveness and boosting user reviews and app ratings.
- Engineered responsive and adaptive mobile UI layouts to ensure consistent performance across screen sizes and Android versions, leading to a 20% increase in daily active users and improved retention.
- Integrated Room Database for offline data persistence, enabling faster data access and reducing app load times in low-connectivity environments, improving user experience in underserved regions.
- Implemented Dependency Injection using Dagger Hilt to modularize code and simplify testing, significantly reducing onboarding time for new developers and improving code maintainability.
- Enhanced network performance and error handling using Retrofit and Kotlin coroutines, which reduced API failure rates and improved overall reliability of delivery tracking features.
- Monitored app behavior using Firebase SDKs for crash reporting and analytics, enabling data-driven optimization that led to a measurable decrease in crash rates post-release.

Technologies Used: Kotlin, Android SDK, Jetpack Compose, Dagger Hilt, Retrofit, Firebase, Mockito, Room Database.

SOFTCOM, Lagos, Nigeria • 01/2020 – 12/2020

A technology solutions company specializing in payments, data insights, education, and identity verification to drive financial inclusion and business connectivity.

Android Engineer

Developed Android fintech apps, collaborating cross-functionally to align tech solutions with business goals, enhancing app quality, performance, and user accessibility.

- Developed the Eyowo Android banking app to drive financial inclusion, boosting user engagement, expanding digital service access, and increasing revenue through higher transactions and sign-ups.
- Engineered the Kwiksell Android app to streamline retail sales, inventory, and payments, boosting merchant adoption and satisfaction through real-time operational insights.
- Integrated Retrofit, Dagger2, and Mockito to improve network performance, reduce defects, and enhance app stability and user satisfaction.
- Built local data persistence using Room Database, ensuring smooth offline experiences and reducing app crashes related to data unavailability.
- Monitored user interactions and app performance using Firebase Analytics and Crashlytics, enabling data-driven iteration and improved app reliability over successive releases.

Technologies Used: Java, Kotlin, Android, Dagger2, Dagger Hilt, Retrofit, Room Database, Firebase, Mockito.

ACADEMIC PROJECTS

Maharishi International University (2025)

- **Movie Netscape:** Movie Netscape is a movie streaming and subscription-based application that enables users to register and subscribe to movie streaming service. Utilized Springboot, Java, Kafka, Java Mail Service, Spring Security, Spring Cloud.
- **Blog API:** Blog Api is an application that enables users to post content like images, videos, like posts and comments, upvote comments and posts. Utilized Java Spring Boot, Kafka, Java Mail Service, Spring Security.

PERSONAL PROJECTS

DVS (2025): Document Verification System is a central integration platform that enables organizations to verify document authenticity with the issuing authority, ensuring trust and security in document processing. Utilized Springboot, Java, Java Mail Service, Spring Scheduling, Spring Batch.

EDUCATION

Master of Science in Computer Science

(In progress via distance education; expected completion 06/2027)

Maharishi International University, Fairfield, Iowa

Key Courses: Enterprise Architecture, Software Engineering, Cloud Computing, Algorithms

Bachelor of Engineering in Computer Engineering

University of Benin, Benin City, Nigeria (11/2015)