

## PERSONAL PROFILE

Creative and results-driven software engineer with freelance experience building mobile apps that drive growth and inclusion. Strong ownership mindset and passion for solving user problems. Skilled at working end-to-end on Android software solutions across fintech, cybersecurity, and data-driven platforms.

## PROFESSIONAL SKILLS

- **Languages/Frameworks:** Kotlin, Java, Swift, Scala, Android Jetpack, Compose, Mockito, Spring Boot.
- **Tools/Platforms:** Git, Firebase, AWS, Fastlane, CircleCI, Material Design UI/UX, Figma.
- **Skills:** RESTful APIs, GraphQL, JSON, CI/CD, Backend Service Integration, Third party API and SDK integrations.
- **Strengths:** Product collaboration, problem-solving, technical ownership, and creative design thinking

## WORK EXPERIENCE

### Mobile Engineer [Freelance Contracts]

**2021–present**

- Building a white-label, opt-in MDM solution for cyber security on the go.
- Onboarding new hires for mobile teams, owning and improving process and product documentation.
- Building and maintaining a data-driven mobile business management solution to aid growth for over 150k SMEs, providing them with data-driven insights into their business and access to loans.
- Improved scalability and build times by 24% by applying modularisation techniques to product feature implementations. Reduced app install size by introducing dynamic feature modules.
- Improved app retention and increased subscriptions by collaborating with product design and marketing to A/B test in-app welcome messages, unsubscribe/churn flows, feature onboarding and payments.
- Coordinated closely with product and design to define and execute the mobile roadmap, overseeing delivery, reviews, and technical direction.

### Mobile App Developer, IT Consortium

**2017–2021. Accra, Ghana**

- Led the mobile development for a crowdfunding app solution (Chango) integrated with mobile money and card
- Built an e-commerce mobile application (Genpay) to conveniently make payments for various listed local goods and services via Ghana's mobile money platform.
- Accomplished a 15–20% reduction in application size across all Android app releases by refactoring the existing Java code base to Kotlin and replacing external third-party libraries with custom native solutions.
- Coordinated training and onboarding of new hires, overseeing delivery, reviews, and technical direction.

### Software Developer Intern, BSystems Ltd

**Summer 2017. Accra, Ghana**

- Built and maintained a student management system that allowed for performance review and RFID cards

### Summer Intern, Volta River Authority

**Summer 2016. Accra, Ghana**

- Worked in the MIS Department to maintain their ERP solution using Oracle 11g.

## PERSONAL PROJECTS

- Portfolio web app: Showcase product portfolio on the web
- Portfolio mobile app: Showcase multiplatform app architecture using KMP

## CERTIFICATIONS

Github Copilot Certification

Microsoft

Google Play Store Listing Certificate

Google Associate Android Developer

Software Security

Associate Android Developer

Pluralsight

Mobile Web Specialist

Udacity

Google Play Academy

Google Play, Accredible

University of Maryland

## EDUCATION

**BSc, Computer Engineering**

University of Ghana, Legon

**July 2017**