

Kato Drake Smith

Mobile Apps Developer

Detail-oriented Mobile Apps Developer with over 6 years of experience building iOS Native apps using Swift and SwiftUI, and Android Native apps using Kotlin and Java. Proven expertise in designing and delivering scalable, user-friendly applications that meet business objectives and enhance user experience. Skilled in end-to-end development, from ideation and architecture to deployment and optimization, with a focus on clean, maintainable code and robust functionality. Known for driving innovation, collaboration, and efficiency in cross-functional teams.

Skills

Core Expertise

- iOS Native Development (Swift, SwiftUI): Delivered high-performance iOS apps with modern interfaces, focusing on efficiency and user engagement.
- Android Native Development (Kotlin, Java): Developed secure, reliable apps tailored to Android platform capabilities.
- UI/UX Design: Created intuitive user interfaces that boost usability and customer satisfaction.
- API Integration: Implemented RESTful APIs for dynamic app functionality, including secure financial and data interactions.
- Agile Project Management: Led and participated in agile workflows, ensuring timely project delivery and team alignment.

Technical Skills

- Xcode, Android Studio, Git, Firebase, SQL, JSON, XML
- Debugging & Optimization
- App Store & Play Store Deployment
- Secure Payment & Data Handling

Work Experience

SWY.iO, Cape Town, South Africa (Remote - Part-time)

FireWeb: A Reporter App

Duration: May 2021 - 2023

Description:

- Developed and launched the FireWeb Mobile App for incident management, using SwiftUI and Kotlin for cross-platform functionality.
- Enhanced user experience through optimized UI design, achieving a 4.5-star app rating on app stores.
- Integrated mapping and workflow management features to streamline emergency response tasks.
- Conducted thorough debugging and implemented upgrades, ensuring system reliability during critical operations.

Code 256 Limited, Kampala, Uganda

Fortune 500 Klub: Investment App

Duration: August 2016 - Present

Description:

- Designed the Fortune 500 Klub Investment App with Swift and Java,

Plot 90 Kanjokya Street, Kampala

+256 (0)787 667 851

ryansmith7119@gmail.com

<https://drakeson.github.io>

Education

Ndejje University

Bachelor's Degree in
Information Technology

2014-2017

Kampala, Uganda

Certificates

GOOGLE UX DESIGN PROFESSIONAL CERTIFICATE

User Experience Research and Design Specialization Certificate

UX & Web Design Certificate

IOS & SWIFT - THE COMPLETE IOS APP DEVELOPMENT BOOTCAMP

ANDROID APP DEVELOPMENT BOOTCAMP

Awards

- Audience's Best App:
MTN App Challenge 2015
- Winner of UNESCO
Hackathon, Kenya 2015
- Winner Uganda Health
App Challenge
- Winner HACK4AG App

facilitating over USD 460,000 in investments through secure transaction handling.

- Coordinated with product managers and designers to align app features with user needs and business goals.
- Led performance optimization, reducing app latency by 25% and improving retention rates.

Mono Technologies Nigeria Limited (Remote - Part-time)

Mono Connect SDK: Secure Bank Linking

Duration: April 2023 - 2024

Description:

- Created the Mono Connect SDK using Kotlin and Swift, enabling seamless bank account linking for over 1.5M users.
- Integrated advanced multi-factor authentication and error handling, ensuring secure and smooth user experiences.
- Worked closely with backend teams to optimize API calls, reducing processing time by 30%.

Swipe2Pay (Hybrid - Part-time)

Buy Me Juice Platform

Duration: 2022 - 2023

Description:

- Developed the Buy Me Juice Platform using Swift and Kotlin, focusing on secure payment functionality with QR code integration.
- Enabled creators to monetize content with recurring payment options, expanding platform adoption.
- Improved user onboarding by 40% through an intuitive interface and step-by-step guidance.

Fun Projects

Exploring NFC EMV Contactless Payments

Designed and developed a user-friendly NFC payment app, adhering to EMV standards for secure transactions.

Key features: Secure NFC payments, streamlined UI/UX, seamless integration, and real-time feedback.

Tech Stack: Figma, Android(Kotlin), NFC APIs

Link: [Video demo](#)

Draxie Store: AR Shopping Assistant

Developed a virtual shopping assistant using ARKit and voice recognition to enhance the shopping experience.

Key features: Virtual showrooms, voice commands, AR pathfinding, and try-before-you-buy functionality.

Tech Stack: Swift, ARKit, Figma

Link: [📺 Draxie Kit Demo](#)

Challenge

- Winner Booking.com Challenge 2017
- 2nd Place Tech for Governance Dar-es-Salam 2016
- Mentor GIS Hackathon 2016 & 2017