

Amara Okafor

Nairobi, Kenya

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Education

University of Nairobi

Bachelor of Science in Computer Science

Sep 2017 – Jul 2021 | Nairobi, Kenya

GPA: 3.87/4.0

Activities: Google Developer Student Club Lead, Mobile App Development Society, Women in Tech Mentor

Relevant Coursework: Mobile Development, Cross-Platform Frameworks, UI/UX Design, API Integration, App Testing, Backend Integration, Push Notification Systems

Final Project: Mobile Health Tracking System with Integration to National Health Database

Work Experience

Mobile Developer | Safaricom | Aug 2021 - Present | Nairobi, Kenya

- Led development of M-Pesa mobile payment application used by 30M+ users across East Africa.
- Implemented offline functionality allowing transactions in areas with limited connectivity, increasing successful transactions by 40%.
- Optimized app performance reducing startup time by 65% and memory usage by 30%.
- Integrated biometric authentication enhancing security while maintaining ease of use.

Skills

Mobile: Flutter, React Native, Android (Java/Kotlin), iOS (Swift), Xamarin

UI/UX: Material Design, iOS Human Interface Guidelines, Animation, Responsive Layouts

API: REST, GraphQL, JSON, OAuth, JWT, WebSockets

Backend Integration: Firebase, AWS Amplify, Azure Mobile Apps

Testing: Widget Testing, Integration Tests, UI Tests, TestFlight, Google Play Console

Tools: Git, Jira, Figma, VS Code, Android Studio, Xcode

Other: Push Notifications, Analytics Integration, Localization, Accessibility, App Store Optimization

Certificates

Flutter Certified Application Developer

Google Associate Android Developer

AWS Certified Mobile Developer

React Native Professional Certification

Awards

Africa Mobile App Development Award 2023

Safaricom Innovation Challenge Winner 2022

Google Africa Developer Scholarship Recipient 2020