

Hosny Ben Savage - Mobile App Developer (iOS Engineer)

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Summary

An experienced iOS Engineer skilled in fintech with a track-record of 5 years of successful projects, delivering top-quality mobile solutions. Proficient in using innovative technology like Flutter for user-friendly interfaces. Shows strong professionalism and stays current with trends to provide unique and high quality solutions for end-users.

Professional Experience

Senior Mobile App Developer/Team Lead - Mobile, IT Consortium (Accra, Ghana) January 2022 - Now

- Leading a mobile team of 3, Kotlin & Flutter developers in our app development processes with 5 active mobile applications in development
- Improved productivity and efficiency by 30% by leading refinement, code reviews and sprint meetings to review progress, work scope, process flows and timelines
- Managing a team of 6 for the Chango V2 project, responsible for the development of both front-end and back-end systems of the app.
- Created a biometric attendance app and internal staff app using Flutter and MVP pattern with Provider
- Completed certified security training from Infosec IQ on maintaining secure applications and environments

iOS Developer, Rachio (Remote) September 2022 - November 2022

- Worked with a team of 3 developers to build a Leak Detection & Tempest device feature within Rachio application in Canada, USA etc
- Increased revenue by 20% by integrating RevenueCat & Apple in-app purchases for Tempest & Leak Detection features

iOS Developer, Alayacare Secure Messaging (Remote) August 2021 - April 2022

- Built a messaging platform with a team of 8 developers for care workers on the Alayacare app in Canada and the USA
- Integrated Sendbird SDK into Secure Messaging application of Alayacare iOS app
- Incorporated amplitude analytics to track user journeys, resulting in a 10% improvement in overall user experience

Mobile App Developer, IT Consortium (Accra, Ghana)

January 2019 - December 2021

- Developed and maintained several iOS apps (Infrastructure Alerts, GenPay, Chango V2) using native Swift programming language
- Improved Chango V2 and Infrastructure alerts by implementing testing for better development and design
- Integrated Firebase services into our mobile apps, resulting in a 30% increase in user subscriptions due to the improved invitation process using Firebase deep linking
- Modified & updated legacy codebases to reflect modern coding formats to Chango V2
- Competencies in PCI-DSS awareness, ISO27001, secure coding practices following OWASP top 10 vulnerabilities and mitigating them

iOS Developer, IT Consortium (Accra, Ghana)**September 2016 - December 2018**

- Developed a mobile app version of GenPay platform with a team of 3 engineers for 500 merchants, including 100 schools
- Created a Mobile Money payment framework for the 3 major mobile networks in Ghana, to be integrated into the app for bill payments, airtime and data purchases
- Provided maintenance and technical support for Chango Kenya, reducing support requests by 50%. Trained support staff and marketing team for improved efficiency

National Service Person, IT Consortium (Accra, Ghana)**August 2016 - September 2016**

- iOS Development and maintaining of in-house applications
- Created and maintained an iOS app for Chango Kenya, a crowd contribution platform with 8000 users. Integrated MPESA and Mobile Money payment systems

Education

- BSc Computer Engineering - Kwame Nkrumah University of Science & Technology - 2016
- Principles in Secure Coding - UC Davis (Coursera) - 2020
- Software Security - University of Maryland (Coursera) - 2020

Portfolio

- Appstore apps: [Chango V2](#), [GenPay](#), [Chango](#) ... [Full Portfolio](#)
- Open source projects: [Github](#)

Technical Skills

- **Languages:** Very fluent in Swift (iOS); Familiar with Objective C, New to Dart
- **Databases:** MySQL, MS SQL, SQLite, Realm, MongoDB
- **Frameworks:** UIKit, AppKit, CloudKit, CoreData
- **Project Management:** Familiar with Slack, Jira, Teamwork
- Experience with version control systems, Continuous Integration and Deployment: Git, Codecommit
- Experience in REST/SOAP API consumption and JSON use
- Extensive use of Xcode
- Experience with Design patterns: MVVM, MVC, VIPER etc
- Experience with AutoLayout and Size Classes