Gideon Aduku

Software Engineer   Accra, Ghana

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WORK EXPERIENCE

Software Engineer, Band Of Coders LLC - 2023-Present Remote/Atlanta & Toronto

- ⇢ Deployed cross-platform desktop apps using Embarcadero Delphi; optimized FireMonkey (FMX) framework for improved report generation.
- ⇢ Resolved critical anomalies in Sumuri Recon ITR system via QT/C++ to enhance DMG imaging accuracy.
- ⇢ Implemented hardware checks mitigating software installation issues from subpar storage devices.
- ⇢ Revamped Sumuri forensic plugins using SwiftUI to amplify forensic data accuracy.

Mobile Lead Developer(Crypto), Luso Digital Assets - 2022-2023 Remote/Portugal

- ⇢ Championed adoption of Kotlin Multiplatform Mobile (KMM) for enhanced cross-platform capabilities.
- ⇢ Integrated both custodial and non-custodial wallets, inspired by Phoenix, into Android and iOS apps.
- ⇢ Pioneered Lightning Wallet integration to ensure robust crypto transactions.
- ⇢ Deployed CI/CD tooling, achieving a 90% reduction in app deployment time.
- ⇢ Oversaw release cycles, employing canary and alpha releases for robust pre-deployment testing.

Software Consultant, Independent - *2020 - 2021*- Accra/Remote

- ⇢ Developed a real-time chat system for Carpenoctum using Socket.IO; released an Android app boosting user acquisition.
- ⇢ Crafted a backend API for Brew Tea Bar via 3 Motions Inc, streamlining digital operations.
- ⇢ Assisted Unitinetworks in rolling out an Android MVP, accelerating go-to-market strategy.

PREVIOUS WORK EXPERIENCES/STINTS

- ⇢ **Senior Software Engineer Consultant, Andela** - *2019 - 2020* - Accra/Remote
- ⇢ **Android Developer(Contract), OZE** - *2018 - 2019* - Accra
- ⇢ **Freelancer** - *2017 - 2018* - Accra
- ⇢ **Software Developer, Softwaregroup BG** - *2016 - 2017* - Accra
- ⇢ **Software Design Consultant, mPedigree Networks** - *2015 - 2016 - Accra*
- ⇢ **Mobile Lead, AfricaLoop** - April*/2017 - July/2017(Contract)* - Accra
- ⇢ **NodeJS Developer, Prymo Ghana (One4All)** - *2016 - 2016(Contract)* - Accra
- ⇢ **Android Developer, 233 Apps Ltd**- *2013 - 2014(Contract) - Remote*
- ⇢ **Tutor, Sikkim Manipal University** - *2014 - 2015(Part Time) - Kumasi*

PROJECTS

Zoom Remote: A desktop application for Windows and MacOS for remotely controlling and managing zoom meetings of other users written in Delphi FMX for a medical imaging company in Italy.

Paypal and Stripe Integration: Developed and implemented payments with Delphi Intraweb for a client in croatia.

MTN Momo Hackerthon Judge: Served as a technical judge for the 2-day MTN Momo Developer Hackathon 2020 in collaboration with Ericsson.

Citi News Room: Citi Fm and Citi TVs Official apps(Android and iOS).

Umaplay: Android music streaming app.

Moja: Blood donation app as a contractor for 233apps limited

Dumsor: Android flashlight app

EDUCATION AND CERTIFICATES

2018 Google Certified Mobile Web Specialist

2015 M.Sc. Information Technology, Sikkim Manipal University, Kumasi, Ghana

2013 B.Sc. Nursing, Garden City University College, Kumasi

- **Programming Languages:** JavaScript, TypeScript, Java, C#, Kotlin, PHP, Dart, Solidity, Delphi, Swift, C++, Python, Pascal
- **Databases:** MySQL, MongoDB, Cassandra, MariaDB, MS SQL Server, PostgreSQL, Redis, SQLite, Firebird
- **Frameworks/Libraries:** Node.js, Angular, React, FMX,VCL, Spring,VueJs, Hapi,js, TMSWebcore, Intraweb, Aurelius/Firemonkey, JQuery, Ajax, Bootstrap 3, Express, HTML, SASS, CSS,Svelte, Tailwindcss, RxJava, Retrofit. SwiftUI, Jetpack Compose, Kotlin Multiplatform Mobile(KMM), QT, SwiftUI
- **Cloud:** AWS,Azure, GCP, Linode, Heroku, Firebase
- **Content Management Systems:** Wordpress, Strapi, Prestashop, Magento
- **Mobile:** Android, iOS,React-Native, Flutter, Ionic
- **DevOps:** Git, Docker, Gitlab CI,Codemagic,Gradle
- **Desktop Development:** Windows, OSX and Linux
- **Datascience:** Jupyter Notebooks

LANGUAGES

English - Advanced