PADDY YOOSIN

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Professional Summary

I am a highly motivated and skilled Software Developer specializing in Mobile development with extensive experience in developing and maintaining applications for various industries. With a positive "I can do it" attitude and a commitment to delivering high-quality results, I approach challenges enthusiastically and believe that "everything is possible". Whether working in a team environment or independently, I possess excellent communication and interpersonal skills, which have enabled me to delegate tasks, provide feedback, and manage time effectively. With a passion for innovation and a proven track record of meeting tight deadlines, I am confident in my ability to drive success and exceed expectations.

Skills

- **Native Mobile: *Android development*:** Java programming language, Groovy, Kotlin Programming language, Android SDK, Dagger, performance, optimization and Coroutines ***iOS:*** Swift
- **Cross Platform Mobile Development**: Experience in Flutter programming language; Dart Platform, DevTools, Flutter widgets, State management, Stateless widgets, Stateful widgets

  API and RESTful Service Development: Laravel (PHP) Framework, Pure PHP, Spring boot, JSON, GSON, Angular Framework and Node Js

  Design Patterns: Solid principals, MVVM

  Cloud Services: Google cloud functions, AWS, E2C, S3, RDS

  Automation and Version Control: GitHub, Bitbucket, Gitlab

- **IDEs, Testing and Debugging**: I used tools such as ADB (Android debug bridge), Dart analyzer, JUnit and IntelliJ IDEs, Android Studio, IntelliJ idea, Visual Studio and Visual Studio code
- **Front-end Development:** Flutter, React.js, Vue.js, HTML/CSS/JS, Android XML, Material design patterns and Bootstrap

  Backend Development, Database & Microservices: Java, Spring Boot, Node.js, MySQL, PostgreSQL, Firebase, PHP, Laravel, EC2, Sqlite, other relational databases

  Scripting Languages: PHP, python, Groovy, Javascript, Typescript, C#

  Other: Raspberry Pi, Arduino, testing, technical documentation and technical writing, code obfuscation and other encryption techniques

Work History

Mobile App Developer   01/2022 to 09/2023

Global Company for Engineering and Development (https://gecdoman.com/) – Remote, Oman

- I was responsible for maintaining and enhancing a Ghaytah **cab booking system**, which

included **optimizing** the app's interaction with the Google Location APIs and Directions APIs to **lower production costs.**

Through these efforts, I achieved an impressive **80% reduction** in API monthly expenses.

- The technologies and skills utilized included: **Swift**, **Java**, **Kotlin**, **GPS**, **navigation**, **Geolocation API, Directions API**, **maps, AWS, NodeJs, Play Store submission** and **app store submission**.

Software Developer   01/2023 to 08/2023

SmartLobby – London

Worked on two projects on contract:

Abobos Digital Signage:

- Developed **Android TV** application for **signage**, ad and display automation.
- I contributed in **improving** the **compatibility** of the application from **50% to 95%** of the devices. I upgraded the app to be compatible with android 10, 11 and 12.
- I also rewrote code to ensure **synchronization** between server ad changes and live TV streaming **without interrupting** current ad display schedule
- Technologies and skills involved include; **Java**, **Kotlin**, Spring Boot, **Flutter**, **Dart**, Bitbucket, Github, Unit Tests, SQL, MySQL, Agile development.

PlanetVCF:

- Worked on PlanetVCF application API, Contact backup management application.
- **Improved the performance** of the mobile application by developing a **mobile version** of their website and **PHP middleware** to connect with the WordPress database for the PlanetVCF application.
- The **performance enhancement** achieved a significant **20x speed improvement** on the application. Technologies used: **Flutter**, **Kotlin**, *PHP*, *WordPress*, *MySQL*, and *GitHub*.

Senior Flutter Developer   04/2021 to 01/2022

JDA HARTFIELD LLC (https://lovinghandshygiene.com) – Remote, USA

Developed two flutter applications

Double Dip Solutions - Android/iOS

- This applications helped JDA **realtors** keep records of customers and properties including their conversation
- Deployment of the application **increased** the accuracy of information and **accountability** hence increasing **conversion rate** by **20%**
- Technologies are: **Flutter**, **Kotlin**, **Swift**, **CocoaPods**, **Laravel** (PHP) for **API** and **HTML/CSS** for admin panel

Loving Hands Hygiene - Android/iOS

- This is an e-commerce application specializing in **beauty products**, featuring a unique capability for **booking** professional **hairdressers.**
- My expertise significantly enhanced the reliability of service delivery estimation. The precision of **time estimations** surged from 50% to an impressive **95%.**
- Technologies involved were: **Flutter**, **Google cloud**, **APIs**, **Geolocation**, **Maps** and **Laravel**

Lead Mobile Developer   07/2018 to 03/2021
Trichain Technologies (https://trichaintechnologies.com) – Murang'a, Kenya

- The tasks involved in **managing projects**, delegating duties, and overseeing project management, with a strong emphasis on mobile app development.
- Successfully delivered **over 20 projects**, comprising mobile apps for both iOS (30%) and Android (70%), highlighting a significant impact on project completion. My contribution **increased confidence rating** on Trichain by **3 points** according to the company rating standards
- Utilized a diverse range of technologies, including **Flutter**, **Java**, **Kotlin**, Spring Boot, Linux, Git, Bitbucket, PHP, Laravel, MySQL, SQL, BLE, Bluetooth Beacons and Python, showcasing a broad skill set.
- Developed in-depth knowledge of the **Android SDK**, **performance optimization,** and the utilization of various tools and concepts such as **AsyncTasks**, **Adapters**, **Fragments**, OkHttp and **Activities**. Also demonstrated proficiency in **design patterns**, user interface design, **usability**, and post-launch product support.
- In addition to technical skills, a strong development of management skills, including prioritization, goal orientation, **problem-solving**, **scrum**, and **collaboration**, contributing to effectiveness in project management and team coordination.

Education

Bachelor of Science: Software Engineering
Muranga University of Technology - Murang'a Kenya

Portfolio

- Abobos Digital Signage https://play.google.com/store/apps/details?id=com.abobos.signage.player.app
- Ghaytah Cab App. https://play.google.com/store/apps/details?id=com.gaita.user
- Celebrity Kenya https://play.google.com/store/apps/details?id=com.fanswish
- PlanetVCF https://play.google.com/store/apps/details?id=com.planetvcf.app
- Double Dip Solutions Android https://play.google.com/store/apps/details?id=com.doubledipsolutions.double_dip
- Double Dip Solutions Ios https://apps.apple.com/sa/app/double-dip-solutions/id1578804344
- Ahil Nnu (Educational Game) https://play.google.com/store/apps/details?id=com.yoosin.ahilnnu
- Amawal Dictionnaire https://play.google.com/store/apps/details?id=com.geekycorp.TifnaghDictionary
- Amawal Qamous (قاموس) https://play.google.com/store/apps/details?id=com.yoosin.TifnaghDictionaryArabic
- Loving Hands Hygiene Health & Wellness https://play.google.com/store/apps/details?id=apps.trichain.hairdresser