PADDY YOOSIN

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Professional Summary

I am a highly motivated and skilled Flutter Developer with extensive experience in developing and maintaining mobile 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". While working with a team, I possess excellent communication and interpersonal skills, which have enabled me to perform tasks, provide feedback, and manage time effectively. With a passion for innovation and a track record of meeting deadlines, I am confident in my reliability and ability to drive success and exceed expectations.

Skills

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

Software Developer, 01/2023 to Current
SmartLobby – London
Worked on two projects:
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*.

Android Developer, 01/2022 to 08/2023
Global Company for Engineering and Development (https://gecdoman.com/) – Remote, Oman
I worked on maintaining and adding features to a cab booking system with GPS, navigation and location system.
My tasks were
- Developing rest API using Node Js, Git, Postman, MySQL
- Fixing bugs and resubmitting applications to Apple and Play stores.
- Add new features to the application using Java, Kotlin, Node Js, and Angular technologies
- Support application deployment to new Geolocation
- Maintain AWS servers and fix any arising issues
- Rewrite algorithms to reduce the cost of Geolocation related services by 80%
- I pioneered new Emerging technologies and integrated to existing systems

The apps I help maintain are deployed in https://play.google.com/store
/apps/details?id=com.gaita.user&gl=US and
https://apps.apple.com/id/app/ghaytah-غايته/id1572271279

Lead Mobile Developer, 07/2018 to 12/2021
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 and Android, 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, 12/2020
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