MOSES NDUNGU GITHAIGA

Android developer

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https://github.com/Moses583

Summary

Android developer, looking to start developing impactful and user-centred applications for use in offering practical ICT solutions, I am very passionate about android development and I am always looking to learn new things in this area as well as in the world of technology in general.

Experience

Android app development intern *Ujuzi Craft LTD, Kikuyu*
June 2024 – July 2024

- Developed an app for Bingwa Sokoni agents called Bingwa Sokoni Bot.
- It automated the sale of airtime, SMS and mobile data packages offered by the agents to their customers.
- I learnt key android concepts as the app was very complex. These include SQLite Database, API calling using OkHttp and Retrofit, Broadcasts, Services, Job schedulers as well as version control using Github and Gitlab.
- I developed the app using Java programming language. The project helped me to enhance my proficiency in the language and to write cleaner and more modular code.
- I was able to employ version control using Git to track and collaborate on project developments effectively.
- I also learnt how to collaborate as I worked with other backend developers to build the app to completion.

- I also got acquainted with the app publishing process on Google Play Console and got to learn the procedures and the requirements needed to publish an app on Google Play Store.

Web developer intern *E&M Technology House Ltd*
May 2023 – June 2023

- I worked for two months as a web developer intern.
- I learnt how to work with Javascript and Typescript language, as well as HTML and CSS.
- I learnt to work with minimal supervision because I mostly worked remotely
- I also learned other skills such as teamwork and collaboration as we worked on an inventory management system with my fellow interns.

Education

Sep 2020 – Nov 2024
Bachelor of Science degree Computer Science, Jomo Kenyatta University of Agriculture and Technology, Juja, Kenya.

- Graduated with a bachelor's degree in Computer Science with second class honours.
- I completed the course work and learnt key Computer Science concepts such as computer programming, computer organization and architecture, networking, database systems and artificial intelligence and machine learning.
- I completed a number of projects, the final year project being a navigation application for visually impaired persons. The app leveraged various technologies including android sdk, android studio, natural language processing, object detection and VSLAM (visual simultaneous localization and mapping).

Feb 2016 – Nov 2019
Kenya Certificate of Secondary Education Murang'a High School, Murang'a, Kenya.

- I completed my secondary school education.
- I was an active member of the Red Cross Society and the French club in the school.

Jan 2008 – Oct 2015
Kenya Certificate of Primary Education AIC Malel Academy, Eldoret, Kenya.

- I completed my primary school education.

Summary of key skills

- Mobile development
- Android app development
- MVVM & MVC architecture
- Java & Kotlin programming
- SQL database management
- API integration
- Version control
- XML and json parsing
- User interface understanding
- Familiar with restful apis
- Proficient with android studio
- Android sdk knowledge
- Java programming language
- Multithreading concepts
- API integration familiarity
- User interface design
- Efficient communication
- Critical thinking
- Patience under pressure
- Creative innovation
- Continuous learning
- Initiative taking
- Creative problem-solving

Languages

- English, Swahili
- French (B1 Intermediate)

Certifications

- Improving Healthcare: The Role of Artificial Intelligence (AI) badge from IBM
  https://www.credly.com/badges/98fb8072-cf5d-43aa-9d3f-5fc3403a61d7?source=linked_in_profile

- Improving Healthcare: The Role of Cloud Computing Badge from IBM https://www.credly.com/badges/083e08ae-03ff-4342-a426-7ffff4cb20ed?source=linked_in_profile

- Improving Healthcare: The Role of Data Analytics and Data Science from IBM https://www.credly.com/badges/4848e492-ffc1-4a46-b094-51190babc548?source=linked_in_profile

Projects

- I have recently developed a recipe application, here is the link to the demo file of the application: https://youtu.be/WeBqDIGcb4g
- I am currently learning Kotlin, Jetpack Compose and MVVM architecture.
- These are the projects I have worked on:
  - News app,
  - Wallpaper app,
  - Spotify downloader app,
  - Music player app
- I am working on more apps.

  My github account link is: https://github.com/Moses583

Referees

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