WUBESHET ANEGAGRIE YIMAM

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SUMMARY

Mission-driven and passionate software engineer with a strong background in full-stack development and cloud computing. Highly motivated to solve human and business challenges through clean and scalable code.

EDUCATION

The African Leadership University (Kigali, Rwanda)
BSc, Software Engineering, GPA: 4.81 / 5.0
Relevant Coursework: Algorithms, Discrete Mathematics, Statistics, Linux, Advanced programming, Web development, Databases

ALX (Bootcamp)
Full-stack Development | *certificate*
Relevant Coursework: SQL, Data Modeling, API Development, Server deployment, Backend Development, Testing

Udacity (Online Bootcamp)
Cloud Computing (AWS) | *certificate*
Relevant Coursework: Networking, Microservices, AWS serverless infrastructure, Orchestration with Kubernetes,

RELEVANT WORK EXPERIENCE

Mobiklinic (Kampala, Uganda /Remote)
Backend Developer

- Utilized Django's best practices to write clean, concise, and well-tested code, resulting in a more maintainable codebase and faster onboarding for new developers.
- Introduced performance optimizations, including caching strategies and query optimization, reducing API response times by 30% and enhancing the overall user experience.
- Improved the scalability and reliability of the API by decoupling database models and views that were dependent on each other even though they were in different Django apps.

SHEBA PLASTIC (Kigali, Rwanda)
Software Engineer

- Migrated already existing Firebase database and storage to Postgres database, enhancing operational efficiency and scalability for improved system performance.
- Developed a new and improved UML diagram for the entire system interaction (interaction between User - Mobile app - Smart Bin - backend system) and an ERD diagram for the database.
- Developed a scalable & reliable REST API with Django-Rest-Framework that is consumed by a mobile application that also communicates with a smart bin.
- Wrote comprehensive technical documentation for the API developed for internal use.

RELEVANT PERSONAL PROJECTS

Note: Please click on the title of each project, and it will redirect you to their source code. (My github: https://github.com/wubeshetA)

Storefront (Back-end)
- This is a backend for an e-commerce application built with Django and the Django Rest Framework (DRF). It provides the necessary RESTful APIs with compressive API documentation and database models to manage an online store.

Opportunities Board (Full-stack)
- An Opportunities Board that allows ALU students and staff to share new opportunities they come across from their network. It has Google authentication, which allows only ALU students to access it.

Airbnb Clone (Back-end)
- Replica backend of AirBnB might look. It has a RESTful API with an administrative interactive console to interact with the functionality and manage the database.

TECHNICAL SKILLS

Programming Languages: Python, Javascript, Typescript, C, Java, SQL, Shell scripting
Frameworks/Others: Django, Flask, NodeJs, React, Postgres, MySql, AWS, DynamoDB, Linux, Docker, Kubernetes, Apache, Microservices, Lambda functions