

ALEX GUANDARU

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Software, Skills & Relevant Coursework

Programming Languages: Python | **Testing:** Unit testing, Django Rest Framework Tests | **API Integration:** Django Restful APIs

Backend Framework: Django | **Version Control:** Git, Github | **Databases:** SQLite, MYSQL

Soft Skills: Problem-solving, task prioritization, time management, team collaboration, resilience, adaptability, communication

EDUCATION

ALX Africa Academy – Nairobi, Kenya

March 2024 – September 2024

Back-end Web Development

Jomo Kenyatta University of Agriculture and Technology – Nairobi, Kenya

September 2015 – March 2019

Bachelor of Science in Biotechnology

WORK EXPERIENCE

Backend Web Development

March 2024 - September 2024

ALX Africa – Nairobi, Kenya

- Tested my applications for bugs, fixing bugs and documenting processes to reduce validation errors during user input of data
- Built Django RESTful APIs that efficiently utilized various built-in tools like generic views, authentications, permissions, and serializer to dynamically enhance chosen user inputs and ensure that users input only allowed details that handled over 10 users.
- Integrated filters and custom queries to a blog app that e-commerce app that ensured that users could be associated with their orders, thus minimizing data conflict and increasing data integrity.
- Efficiently made use of Git and GitHub to update and retrieve projects from different repositories, making use of branching to separate different elements of my project.
- Implemented custom user models to dynamically add specific additional user details beyond what Django's in-built user model offers, ensuring that application needs can be met by the custom model.
- Developed a blog web application allowing users to create and manage their blogs, and also manage their user profiles, including adding bios and images.

Relevant Projects

- Built a blog application designed to enable users to efficiently perform CRUD operations, while also implementing efficient user authentication and permissions for different web pages.

Referees

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