



Vincent Otieno

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Summary

- Proficient: Python, JavaScript, C programming, HTML, CSS, Django, Flask, Git, SQL, and AWS(CloudFormation, S3, EC2, CloudFront, IAM, RDS, Aurora).
- Moderate: Docker, Kubernetes, CM tools, Atlassian tools, CI/CD(CircleCI, GitHub Action, Ansible, Terraform, Prometheus), Linux, Nginx, GCP, Microservices, React, Nodejs.

Experience



Software Engineer Intern(Volunteer)

Machini Technologies Ltd

Dec 2021 - Present (11 months +)

- Built new features like waste bin alerts powered by geo-Django: This feature ensured that the administrators would receive alerts of waste bin locations for pick up and re-allocation purposes, this led to an 80% reduction of waste bin theft and mismanagement activities.
- Built a cluster feature where community members could be put into clusters for better user data management and organization as well as better client experience.
- Using Selenium, built out a unit testing infrastructure for the web application that reduced the number of bugs reported by clients by 12% over the month.
- Help build and maintain a Continuous Integration pipeline for quality software delivery.



Junior Back End Developer

Skylux Tech

Oct 2021 - Present (1 year 1 month +)

- Worked alongside another developer to implement RESTful APIs in Django that enabled the internal analytics team to increase reporting speed by 23%.
- Designed the backend database system to work efficiently and be scalable alongside database replication for data persistence and downtime prevention.
- Collaborated with an agile team of 4, and helped prioritize and scope feature requests to ensure that the most significant impact features were worked on first.
- Containerized and orchestrated the system on Google Cloud using Docker for deployment.
- Acquired and ingested data to build and maintain data pipelines that led to discovering of an opportunity for a new site feature, boosting revenue by 32%.
- Build extensive test coverage for new features, this reduced the number of customer complaints by 22%.
- Build and maintain CI/CD pipelines to efficiently test and roll out features which resulted in less time in deployments and more profits for the company.

Education



Udacity

DevOps Nanodegree

2022 - 2022



Holberton School

Specialization, Software Engineering

2021 - 2022

The ALX Holberton Software Engineering program is a 12-month(70h/week) immersive program that engages technology enthusiasts and budding software engineers in a variety of programs across in-demand tech disciplines to prepare them for a global career as a Full-Stack Developer



Riara University

Diploma, Computer Science

2017 - 2021

- Courses: OOP in C++, Compilers, Algorithms, Operating Systems, Data Structures.

Licenses & Certifications



Cloud DevOps Nanodegree - Udacity



Learning Ansible - LinkedIn



AWS for Developers: SNS, SQS, and SWF - LinkedIn

Skills

Python (Programming Language) • JavaScript • Django • Flask • jQuery • HTML • Cascading Style Sheets (CSS) • SQL • C (Programming Language) • Git