

OKOTH FAITH ATIENO

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SUMMARY

I am a self taught software engineer on a mission to leverage and use technology to provide scalable solutions to business and social challenges. In my free time, I teach and tutor python.

TECHNICAL SKILLS

Programming languages : C, Python, Javascript, HTML & CSS (including bootstrap), nodejs, typescript

Os and process automation: Linux systems & bash scripting, Windows systems

Databases and cloud technology: AWS, SQL, MySQL

PROJECTS

Udagram image filtering <monolith to microservices

I refactored a monolith udagram image filtering application into microservices leveraging on travis CI for continuous integration, kubernetes for orchestration, docker for continuous deployment on aws . [\[Project details\]](#)

Todo App (Serverless Application on aws)

I built and deployed a serverless application using a serverless framework, aws lambda functions and aws API gateways to handle requests, Auth0 for authentication and aws dynamodb and s3 buckets for storage, all defined in a serverless.yaml file. [\[Project details\]](#)

EDUCATION

Udacity Cloud Developer [Remote] - Nanodegree

May 2022 - Present

Specialisation: AWS cloud services

Holberton School [Remote], Software Engineering

October 2020 - September 2021

Projects: Systems engineering & DevOps (AWS), low-level programming(C), high-level programming(Python, Javascript, Nodejs), Networking, Databases and file management systems(SQL, MySQL, MongoDB)

The University of Nairobi, Bachelor of Science Food Nutrition and Dietetics

Jan 2014- September 2018

Specialisation: Nutrition and Health Sector Analysis, Food and Nutrition Programs at a community level, Nutrition education

EXPERIENCE

Software engineer - Freelance

August 2022 - present

- Built and deployed the backend infrastructure for a google chrome extension to AWS elastic beanstalk
- Automated deployment and continuous integration of an application using GIT and Travis CI

Technical mentor Specialist -African Leadership Group

October 2021 - Present

- Facilitated and delivered 100+ hours of live coding sessions to 20000+ participants on python programming language
- Designed the mentor-student working cadence that improved the program retention rate by 80%
- Created an end-to-end playbook of the ALX software engineering program defining key systems and processes to ensure efficient program delivery and implementation.

Technical Associate - Community Support, African Leadership Group Xcelerator (ALX)

January -October 2021

- Built and run a community of 3000 members with 80% active and engaging
- Tested the application system to ensure customers receive quality support
- Achieved a customer satisfaction of 95% within 3 months of employment

Design Analyst - Learning Experience, African Leadership Group Xcelerator (ALX)

October 2020 - January 2020

- Designed and develop activity-based e-learning content that was aimed at activating 1000 participants to actively live a life of impact and build their communities

- Designed and implemented testing programs in the learning management system

Facilitator - Entrepreneurship & Leadership

June 2019 - October 2020

- Content research development: Designed 80% of the interactive e-learning content for the Leadership pathway incorporating video, audio and other interactive knowledge checks.
- Facilitated delivery of 21 Century leadership course to 70 young leaders (between 18 - 25 yrs old) focusing on self-leadership and people leadership

Community Health Supervisor-

Living Goods April 2018 - May 2019

- Collaborated in a team of 5 to supervise and empower 50+ community health workers to deliver on- demand health care services (malaria, diarrhoea, malnutrition, pneumonia etc) to children under five years old in the rural outskirts of Kenya

LANGUAGES:

English, Kiswahili