

OKOTH FAITH ATIENO

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SUMMARY

I am a software engineer with experience in building scalable solutions using AWS, MERN, Python, and JavaScript. Skilled in Linux systems, Bash scripting, and SQL. In my free time, I also teach and mentor others in programming languages such as Python.

TECHNICAL SKILLS

Programming languages: C, Python, JavaScript, HTML & CSS (including Bootstrap), Node.js, TypeScript, REACTjs
systems and process automation: Linux systems & Bash scripting, Windows systems
Databases and cloud technology: AWS, SQL, MySQL

PROJECTS

Talktime <AWS Serverless MERN Application>

TalkToMe is a serverless MERN web application that encourages personal journaling. Key technologies used are MERN, AWS Lambda, and serverless framework. [\[Project Details\(GitHub\)\]](#)

Udagram image filtering <monolith to microservices>

Refactored a monolithic Udagram image filtering application into microservices using Travis CI for continuous integration, Kubernetes for orchestration, and Docker for continuous deployment on AWS. [\[Project details\]](#)

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 Junior Specialist -African Leadership Group (ALX)

October 2021 - Present

- Tech career catalyst: - worked with a team of 3 to design, integrate and deliver the ALX tech career catalyst program for ALX software engineering graduates
- Facilitated and delivered 100+ hours of live coding sessions to 20000+ participants on python, C, and Javascript
- 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.
- Designed and integrated the ALX software engineering onboarding curriculum into the learning management system(intranet) through project-based learning
- Collaborated in a team of 3 to develop the training materials for new hires focussed on the ALX Software engineering curriculum - delivery and platform

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

January -October 2021

- Built and run the ALX software engineering application community of 3000 members with 80% active and engaging
- Achieved a customer satisfaction of 95% within 3 months of employment

Learning Experience Design Analyst - ALX

October 2021 - January 2021

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

EDUCATION

Udacity Cloud Developer [Remote] - Nanodegree

May 2022 - August 2022

Specialisation: AWS cloud services

ALX Software Engineering Program, 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)*