



Derrick Ampire

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Nairobi

Software Engineer

[Github](#), [Medium](#), [LinkedIn](#)

SUMMARY

Software Engineer with a preference for backend and cloud development with experience in AWS & GCP, Typescript, Javascript, Python programming languages and devops. I have a strong passion for teaching and mentoring.

WORK HISTORY

Sand Technologies (Formerly Africa Leadership International), Software Engineer Technical Mentor

August 2022 - to date

1. Facilitate bi-weekly live coding sessions for close to 9000 learners.
2. Respond to learner specific questions on their software engineering learning journey on Slack and zoom walk-in sessions.
3. Acted as a custodian of the projects and the curriculum constantly striving to improve the overall student experience
4. Development of Jasper, a bot built with Nodejs, Typescript that helps in slack automation.

Turaco Insurance Brokers Limited, Communications & Marketing Intern

September 2021 - June 2022

1. Led a team of two health advisors to find a use case for the company's telemedicine service through continuous testing & reporting over 6 months.
2. Researched on major fintechs across Africa and provided advice on integration with the company's API.
3. Edited/added content on the company's official website and managed social media pages.
4. Supported Kenya, Uganda & Nigeria's Business Development and Partnerships teams with targeted marketing efforts by designing visual aids, graphics, brochures and flyers and creating articles or op-eds, email newsletters and blogs.

EDUCATION

ALX-Holberton, [Certificate in Computer Science and Software Development](#)

June 2021 - June 2022

Foundations of computer science, programming in C, Javascript & Python, and specialisation in backend engineering through a collaborative, project-based environment with real-world projects.

CERTIFICATIONS

- [Udacity Cloud Developer](#) - Fundamentals of cloud development and deployment with AWS, building apps leveraging microservices, Kubernetes clusters, and serverless application technology.
- [Google IT Automation With Python](#) - Python programming to automate real-world tasks, interact with the Operating System, troubleshoot and debug and configure management in the cloud (GCP).
- [IBM AI Engineering](#) - Introduction to machine learning, deep learning, neural networks, and ML algorithms with SciPy, ScikitLearn, Apache Spark, Keras, PyTorch, and TensorFlow.
- [Machine Learning](#) - Deep dive into ML Algorithms, Logistic Regression & Artificial Neural Networks.
- [Google IT Support](#) - Introduction to system administration & IT infrastructure services, IT security, computer networking, technical support & Operating Systems.

SKILLS

- Programming languages - Python, JavaScript (ES6), TypeScript, HTML, CSS, Python, SQL, C
- Libraries & frameworks - Django, React, Node.js, Express.
- Cloud Services - AWS & GCP, Digital Ocean
- Technologies - Git, Docker, Kubernetes, SciPy, ScikitLearn, Apache Spark, Keras, PyTorch, and TensorFlow.
- Strong written and oral communication skills with proficiency in English and 3 African languages.
- Problem-solving skills and creative thinking with a curious mindset to learn new technologies.
- Ability to collaborate with team members even remotely.
- Possession of a strong leadership and mentorship skill set.

PERSONAL PROJECTS

- **The Forum Django App** - [Github](#), [Demo](#)
A board web app built with python and the Django framework that allows users to create, edit posts and users Django's authentication, ORM and forms API.
- **E-commerce Drug Store** - [Github](#), [Demo](#)
E-commerce web app built with React JS and Node JS for the frontend and backend. The application handles authentication, file storage with Firebase and is integrated with Stripe payment.
- **Gogool** - [Github](#), [Demo](#)
Google search clone built with react, nodejs for the frontend and backend and the Google Search API by Rapid API to return search results, images, news and videos.

