

Lihle Menzeleleli

Junior Cloud/Devops Engineer

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I am driven by the love of technology, and the interesting and challenging opportunities that the IT industry presents. For me, learning never stops and I believe that this quest for knowledge is critical to success in this field. I bring with me a curious mind, a strong work ethic and a positive attitude towards teamwork. I'm looking to switch careers from Web Development to Cloud Engineering/Devops. My ultimate goal is to be a Cloud Security Engineer so I can create secure cloud-based infrastructures and programs.

SKILLS

Command line & version control: Linux Commands, Github

Development: Python, Javascript, Java, HTML, CSS, Wordpress

Container Technologies: Kubernetes, Docker

Configuration Management: Cloudformation, Terraform

EDUCATION

AWS Certified - AWS Cloud Practitioner Certificate

Mar 2023

Project CodeX, Cape Town - National Higher Certificate in Information Technology

Mar 2019 - Feb 2020

Project CodeX, Cape Town - Agile Web Development Certificate

Feb 2018 - Nov 2018

EXPERIENCE

Volt Africa, Cape Town - WordPress Web Developer

Sep 2020 - Present

Key responsibilities:

- Designing & developing Wordpress websites
- Maintaining & updating websites
- Migrating websites to AWS Lightsail + SES for newsletters

BabesGotBytes NPO, Cape Town - Founder (Teaching girls how to code)

Jun 2018 - November 2021

Key responsibilities:

- Teaching coding to marginalized schools around Cape Town communities
- Organizing tech events
- Attending tech conferences and meetups to learn new things and network with others
- Finding sponsorship opportunities for hosted events

VOLUNTEER EXPERIENCE

GirlCode Hackathon - Mentoring

Aug 2019

Devine Heritage College - Teaching coding to Grade 7 learners

Jul 2019

PROJECTS

- **Monitoring app**

Link: <https://github.com/Elihle/cloud-monitoring-app>

This is a Python app for monitoring CPU. It is containerized with Docker and Kubernetes used for deployments and service. Terraform was used to create ECR repo.

- **Serverless website (portfolio)**

Link: <http://lihle.co.za/>

I created a serverless website making use of these services > AWS Lambdas, API Gateway, S3, SNS, Route53, Cloudfront, ACM and CloudWatch. I deployed it on AWS Code Commit. I used a Lambda function for form submissions.

HACKATHONS

I believe in teamwork, you are only as strong as your weakest link, which is why I attend hackathons. Hackathons provide me with the opportunity to learn new skills, collaborate under pressure and share ideas. I have learnt about the importance of teamwork and communication in a team. I have attended the following hackathons: Girl Code, CPSI , Ignite and the Zindi Challenge. Here's an article I wrote about my experience:

<https://www.offerzen.com/blog/three-hacks-to-nail-your-first-hackathon>

REFERENCES

Ashraff Cassiem, Volt Africa - General Manager

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Andre Vermeulen, Project codeX - CTO & Mentor

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Phindiwe Nqanqaru, BabesGotBytes - Founder

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