

Mzokhulayo Mdubeki

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<https://mzokhulayo.github.io/Portfolio-Website/>

I'm Mzokhulayo Mdubeki, a passionate and adaptable Software Development graduate with a strong foundation in cloud technologies, cybersecurity, and programming. I hold a Diploma in Software Development, an AWS Cloud Practitioner certification, and a Google Cybersecurity certificate.

My journey into tech has been fuelled by curiosity and a love for solving complex problems. I've developed applications, deployed cloud infrastructure, and explored secure software practices, skills that I am excited to build on as part of a forward-thinking team like Sage.

What I Bring:

- **Programming & Debugging:** Hands-on experience in Python, Java, and more, with a passion for writing clean, maintainable code and solving bugs with an eye for detail.
- **Cloud & DevOps:** Familiar with AWS services, CI/CD pipelines, and scalable infrastructure design.
- **Cybersecurity Awareness:** Knowledge of network security, threat detection, and OWASP Top 10, giving me an edge in building secure-by-design systems.
- **Problem Solving & Resilience:** I thrive in fast-paced environments, stay calm under pressure, and approach challenges as opportunities to learn and innovate.
- **Team Collaboration:** I enjoy working across diverse teams, sharing ideas, and building software that makes a meaningful impact.

I am excited by the chance to contribute to software that powers real businesses while learning from the best through structured training, mentoring, and real-world projects. I believe my foundation in software development, cloud, and cybersecurity, along with my hunger to grow, will allow me to thrive and add value at Sage.

Experience:

Intern: DevOps & Cloud Engineer

[EC1 \(Electronic Connect\)](#)

August 2024 - August 2025

- I Develop Aws cloud infrastructure using Terraform to automate deployments and manage infrastructure as code (IaC).
- I Collaborate with cross-functional teams to support ongoing IT operations and business service automation.
- I am sole Microsoft 365 and SharePoint Admin for the company
- I handle the company Access Control, adding and assigning users access to buildings and areas
- Training on AWS SysOps Administrator
- Ensure compliance with relevant regulations and maintain accurate records for auditing purposes.

Office Manager and Learner's Driving Instructor

Golden Ticket Driving Institute (Reg No.: 2019/070780/07)

Sep 2023 - Present

- Conducted K53 Learners Test instruction, ensuring students are well-prepared for their tests.
- Manage payment collection, record financial transactions accurately, and provide receipts to students and clients.
- Coordinate and manage student bookings, optimizing scheduling for maximum efficiency.
- Oversee general office administration, including filing, document management, and communication with clients.
- Handled customer inquiries, resolve issues, and maintain a high level of customer satisfaction.
- Ensure compliance with relevant regulations and maintain accurate records for auditing purposes.

Education:

Nemisa- Google Cybersecurity Certification Program

March 2025 - May 2025

I am Currently enrolled in the Google Cybersecurity Professional Certificate program. The Program provide foundational knowledge and hands-on experience in cybersecurity.

The curriculum covers key areas such as programming for security tasks using Python and Linux, understanding frameworks and controls that inform security operations, utilizing Security Information and Event Management (SIEM) tools, detecting and responding to incidents with

intrusion detection systems, performing packet capture and analysis, and leveraging AI to boost productivity in cybersecurity practices.

This program aims to prepare participants for entry-level roles like cybersecurity analyst and helps in preparing for the CompTIA Security+ certification exam.

WeThinkCode_

NQF 5, Systems Engineering / Software Engineering

Sep 2021 - Dec 2022

- First year: Fundamentals of programming and software design patterns.
- Second year: Object-oriented programming, web and mobile development, DevOps, cloud computing, Quality Assurance and distributed systems.

UCT Digital Bootcamps and Amazon Web Services

AWS re/Start Program Learner, AWS Cloud Practitioner Certification

Aug 2022 - Oct 2022

- Completed a full-time, classroom-based skills development and training program on IT fundamentals, AWS Cloud, and professional skills.
- Gained knowledge of Linux OS, Python and Shell scripting, and core AWS services including EC2, S3, IAM, VPC, Lambda, CloudFormation, RDS, and Route 53.

Deviare

Data Science Skills Program Certificate, Data Science and Business Intelligence

Jun 2019 - Apr 2021

- I gained expertise in data analysis, machine learning, and business intelligence.

Skills

Technical Skills

- Data Analysis + Visualization: SQL, Data Science
- Python
- Java
- AWS Cloud and DevOps
- SQL & noSQL Databases

- Linux OS
- Cyber Security
- Terraform
- Restful API Development
- Cloud Computing: AWS (EC2, S3, IAM, VPC, Lambda, CloudFormation, RDS, Route 53)

Soft Skills

- Office Administration
- Problem Solving
- Communication
- Teamwork & Collaboration
- Customer Service
- Office Administration
- Commitment to learning & upskilling
- Dependable & Committed
- Interpersonal skills and conflict management