

Feziwe Melvin Shongwe

Cloud Engineer



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[Personal](#) & [LinkedIn](#)

Background

Feziwe is a highly motivated and adaptable professional with a strong academic foundation in Computer Science and Mathematical Statistics. With a particular passion for Data Science and Cloud Computing, Feziwe has taken proactive steps to enhance his expertise. He holds an AWS Cloud Practitioner Certification and is actively working towards an AWS Solution Architect Associate & AWS Developer Associate certification, showcasing a dedication to mastering cutting-edge technologies.

His diverse project portfolio spans various computer science domains, including software development, machine learning, natural language processing, computer vision, reinforcement learning, and statistical modelling. Proficient in Python, R-Lang, and SAS for data modelling and analysis skills. Moreover, his understanding of software engineering and blockchain technology provides a well-rounded skill set.

He is currently working as a Business and Architecture Analyst at Accenture, primarily focusing on Amazon Web Services (AWS) as a Cloud Engineer, acquiring knowledge in the technology division to expand capabilities and explore new problem-solving methodologies.

Education

BSc Hons in Computer Science, University of the Witwatersrand

2022 Jan– Present

Majors: Computer Science, Artificial Intelligence & Machine Learning

BSc in Computer Science, University of the Western Cape

2019 Jan– 2021 Dec

Majors: Computer Science, Software Engineering & Mathematical Statistics

Grade: Cum Laude

Experience

AWS Cloud Engineer (Accenture AWS Business Group)

2023 Feb–Present

As an AWS Cloud Engineer specializing in software engineering, my role is pivotal in architecting, developing, and maintaining scalable and efficient cloud-based solutions. I am responsible for designing and implementing software applications that leverage AWS services effectively, ensuring high availability, reliability, and security. This involves collaborating closely with cross-functional teams to understand project requirements, design system architectures, and select appropriate AWS services to meet business objectives. Additionally, I play a key role in optimizing software performance, monitoring system health, and troubleshooting issues to ensure seamless operation in the cloud environment. My expertise in software engineering principles, combined with a deep understanding of AWS technologies, allows me to drive innovation and deliver impactful solutions that empower businesses to thrive in the digital era.

Skills

- Amazon Web Service ([Certified](#))
- Problem-Solving
- Critical Thinking
- Attention to detail
- Teamwork and Collaboration
- Project Management
- Work Ethics
- Data Modelling and Software Engineering paradigms
- Proficient in (Java, Python, JavaScript, R-Programming Language, SAS)

Volunteering

Program Coordinator at Don't Look Back Initiative

2020 June–Present

The Don't Look Back initiative is a project that aims to empower secondary school students from underserved communities by motivating them about the value of education and what they can do to achieve their goals through education. The project is working well in a few schools in South Africa's rural areas. It helps them by providing them with study skills and allowing them to choose careers based on their abilities. Furthermore, it introduces them to the cyber world, as most of them lack the necessary resources and knowledge. The graduating class receives assistance with online university and bursary applications.

Peer Mentor at the University of Witwatersrand

2022 Feb–Nov

Duties and Responsibilities:

- Provide guidance, advice, feedback, and support to the mentee.
- Provides encouragement and assists the mentee in identifying professional development activities.
- Maintains a professional relationship that doesn't intrude on the mentee's personal life.

Projects

The link to my GitHub Profile is Available [here](#)

References

References will be available upon request