

# Mosa Mabula

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## EDUCATION

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### BSc (Eng) Electrical Engineering (Incomplete)

University of the Witwatersrand

Johannesburg

Jan 2020 – Nov 2023

- **Related Coursework:** Software Development, Data Structures and Algorithms, Microprocessors, Digital Electronics, Signals and Systems, Engineering Analysis and Design, Critical Thinking, Engineering Mathematics

## PROFESSIONAL CERTIFICATIONS

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### AWS Certified Cloud Practitioner (CLF-C02)

AWS Training and Certification

Johannesburg

May 2024 – May 2027

## WORK EXPERIENCE

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### Student Assistant

WITS Law Library

On-site

Jan 2022 - Nov 2023

- **Tasks Completed:** Managed book issuance and check-in processes through an electronic system during 6-hour shifts, ensuring a smooth flow of library operations.

### Data Science and Machine Learning Intern

WITS Business Intelligence Services

Remote

Jul 2021 & Dec 2021

- **Tasks Completed:** Collaborated with other interns to manage the data analysis, machine learning model development, and cloud migration initiatives of the university.

### Python Programming Course Developer

TechWays

Remote

Jul 2021 - Sep 2021

- **Tasks Completed:** Developed comprehensive curriculum content for an introductory Python course, covering fundamental concepts and practical applications.

## PROJECTS

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### Task Tracker

GitHub

Remote

Completed Sep 2023

- **Project Description:** Web-based application designed to help users efficiently manage their tasks and stay organized by keeping track of to-do lists for personal reasons, work reasons, and other tasks.

## EXTRACURRICULAR ACTIVITIES

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### Intro to Cloud Computing

Codecademy

Remote

Jan 2022

- **Skills Learned:** Careers in cloud, Cloud Deployment Models, Types of Cloud Services, Cloud Providers

### Software Design Principles

Codecademy

Remote

Nov 2021

- **Skills Learned:** Object-Oriented Programming, Unified Modeling Language, SOLID Principles, Design Patterns, Model View Controller

### Learn Git and GitHub

Codecademy

Remote

Oct 2021

- **Skills Learned:** Basic Git Workflow, Important Git Operations, GitHub and Markdown, Git Branching, Git Teamwork, Deploying Websites using Git and GitHub, GitHub Repositories, Issues, CLI, Actions

### Learn Java

Codecademy

Remote

Sep 2021

- **Skills Learned:** Variables, Object-Oriented Java, Conditionals and Control Flow, Arrays and ArrayLists, Loops, String Methods, Access, Encapsulation and Static Methods, Inheritance and Polymorphism, Debugging, Two-Dimensional Arrays

## SKILLS

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**Technical:** C++, Python, Linux, Cloud Computing, Version Control, Web Development, Software Project Management

**Soft:** Leadership, Teamwork, Hard Work, Willingness to learn, Ability to work under pressure, Perseverance, Inclusivity