



Siyabonga Terrence Madonsela

Software Developer Graduate

I am a passionate and driven IT professional with a National Diploma in Information Technology (Software Development) from Tshwane University of Technology and an AWS Certified Cloud Practitioner certification. With practical experience from a software development internship at Wits Tshimologong Precinct and hands-on project work, I have developed expertise in both backend and frontend technologies. I am eager to contribute innovative solutions while continuing to grow and refine my skills in dynamic, collaborative environments.



siyabongaterrence0@gmail.com



0660757012



Midrand, South Africa

SKILLS

Java

C++

JavaScript

React

SpringBoot

MySQL workbench

database management

SQL

Data privacy

Cloud Computing

Technical Support

Joomla

LANGUAGES

English

Native or Bilingual Proficiency

IsiZulu

Native or Bilingual Proficiency

INTERESTS

Coding and Software Development

Cloud Computing and DevOps

Web and Mobile App Design

WORK EXPERIENCE

Software Developer Intern Wits Tshimologong Precinct

07/2023 - 06/2024

Johannesburg, South Africa

Wits Tshimologong Precinct

Achievements/Tasks

- Developed and maintained web applications using Spring Boot and React.
- Participated in full-stack development, from frontend interfaces to backend services.
- Assisted in deploying cloud-based solutions on AWS, optimizing performance and scalability.
- Collaborated in Agile team environments, contributing to sprints and stand-up meetings.

Contact : Diane Walker - 0721194938

ORGANIZATIONS

Wits Tshimologong Precinct (07/2023 - 06/2024)

Software Developer intern

CERTIFICATES

AWS Cloud Practitioner Certification (02/2022 - 07/2022)

Amazon Web Services

PERSONAL PROJECTS

School Website (10/2023 - 02/2024)

- Tools & Technologies:** Spring Boot, React, MySQL workbench, Tailwind CSS.
- Developed a responsive, feature-rich website for a school.
- Implemented user authentication, dynamic content management, and role-based access control.
- Integrated backend services with a clean, user-friendly React frontend.

Project Management System (03/2024 - 06/2024)

- Tools & Technologies:** Spring Boot, React, MySQL workbench, Tailwind CSS.
- Created a project management platform for tracking tasks, milestones, and team collaboration.
- Designed RESTful APIs to manage project data and user interactions.
- Implemented features such as task assignment, progress tracking, and notifications.

EDUCATION

National Diploma

Tshwane University of Technology

02/2018 - 11/2023

Pretoria

Achieved a 67%, with a focus on software development and IT systems. Courses

- National Diploma in Information Technology (Software Development)

NOTICE OF PERSONAL PARTICULARS

1. Any changes to the personal particulars in your ID Book must be communicated to all relevant parties.

NOTICE OF CHANGE OF ADDRESS

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2. Hand in at or post to the nearest regional/district office of the DEPARTMENT OF HOME AFFAIRS

I.D. No. 970718 5627 081



S.A. CITIZEN

SURNAME
MADONSELA

FORENAMES
SIYABONGA TERRENCE

COUNTRY OF BIRTH
SOUTH AFRICA

DATE OF BIRTH
1997-07-18

DATE ISSUED
2014-03-04



ISSUED BY AUTHORITY OF
THE DIRECTOR-GENERAL
HOME AFFAIRS

RECEIVED
COMMUNICATIONS
NAME: Mantlangu
ADDRESS: 1001 USIB
DATE: 16-04-2014
SAP No: 1001 USIB

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of Technology**

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Academic Transcript

Issuing Institution : Tshwane University of Technology PRODI41
Name : MADONSELA SIYABONGA TERRENCE
Student Number : 216658531
Identity Number : 9707185627081 Date Of Birth : 18-JUL-1997

Year : 2018 NATIONAL DIPLOMA: INFORMATION TECHNOLOGY

FIRST SEMESTER (JAN-JUN)	
FOUNDATION ACADEMIC AND LANGUAGE SKILLS	53 PASS
FOUNDATION ICT MATHEMATICAL SKILLS	58 PASS
SECOND SEMESTER (JUL-DEC)	
FOUND INFORMATION & SOFTWARE DEVELOPM SKILLS	72 PASS
FOUNDATION PRESENTATION AND REPORTING SKILLS	67 PASS

Year : 2019 NATIONAL DIPLOMA: INFORMATION TECHNOLOGY

FIRST SEMESTER (JAN-JUN)	
COMPUTING FUNDAMENTALS IA	79 PASS WITH DISTINCTION
COMPUTING SYSTEMS IA	73 PASS
DEVELOPMENT SOFTWARE IA	75 PASS WITH DISTINCTION
COMPUTING SKILLS IA	70 PASS
SECOND SEMESTER (JUL-DEC)	
COMPUTING FUNDAMENTALS IB	79 PASS WITH DISTINCTION
COMPUTING SYSTEMS IB	65 PASS
DEVELOPMENT SOFTWARE IB	66 PASS
COMPUTING SKILLS IB	78 PASS WITH DISTINCTION

Year : 2020 NATIONAL DIPLOMA: INFORMATION TECHNOLOGY (SOFTWARE DEVELOPMENT)

FIRST SEMESTER (JAN-JUN)	
DEVELOPMENT SOFTWARE IIA	77 PASS WITH DISTINCTION
INFORMATION SYSTEMS IIA	65 PASS
SYSTEM SOFTWARE IIA	81 PASS WITH DISTINCTION
TECHNICAL PROGRAMMING I	76 PASS WITH DISTINCTION
SECOND SEMESTER (JUL-DEC)	
DEVELOPMENT SOFTWARE IIB	71 PASS
INFORMATION SYSTEMS IIB	68 PASS

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Student Number : 216658531
Identity Number : 9707185627081 Date Of Birth : 18-JUL-1997
SYSTEM SOFTWARE IIB 77 PASS WITH DISTINCTION
TECHNICAL PROGRAMMING II 66 PASS

Year : 2021 NATIONAL DIPLOMA: INFORMATION TECHNOLOGY (SOFTWARE DEVELOPMENT)

FIRST SEMESTER (JAN-JUN)

DEVELOPMENT SOFTWARE IIIA 65 PASS

DEVELOPMENT SOFTWARE IIIB 52 PASS

INDUSTRY EXPOSURE IIIA 62 PASS

INFORMATION SYSTEMS IIIA 41 FAIL

INFORMATION SYSTEMS IIIB 44 FAIL

SECOND SEMESTER (JUL-DEC)

INFORMATION SYSTEMS IIIA 55 PASS

INFORMATION SYSTEMS IIIB 75 PASS WITH DISTINCTION

Year : 2022 NATIONAL DIPLOMA: INFORMATION TECHNOLOGY (SOFTWARE DEVELOPMENT)

SECOND SEMESTER (JUL-DEC)

INDUSTRY EXPOSURE IIIB 63 PASS

15-FEB-2023

*National Level Key

6 - National First Degrees, National Diploma

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NATIONAL DIPLOMA

INFORMATION TECHNOLOGY
(SOFTWARE DEVELOPMENT)

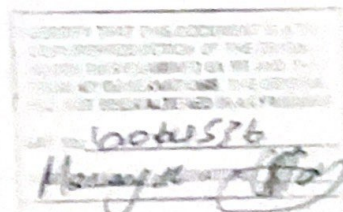
Awarded to

SIYABONGA TERRENCE MADONSELA

216658531

1997-07-18

Having complied with the
Requirements of the Act and Statute



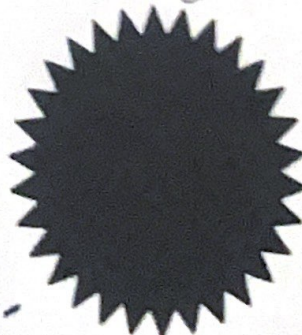
2022-12-15

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Ex-Officio
Chairman of Council
Mantengwe
Mantengwe
Chairman of Council of the University
of Technology
15-12-2022
1001576


Vice-Chancellor and Principal
On behalf of Council and Senate


Registrar





Siyabonga Madonsela

has successfully completed the AWS Certification
requirements and has achieved their:

AWS Certified Cloud Practitioner

Issue Date

Apr 22, 2022

Expiration Date

Apr 22, 2025

AWS Training and Certification

Validation Number VP67PLPDGE44Q095

Validate at: <https://aws.amazon.com/verification>

**SOFTWARE DEVELOPMENT
INTERNSHIP PROGRAMME**

2023 - 2024

CERTIFICATE OF COMPLETION

25 JUNE 2024



WITS UNIVERSITY

SIYABONGA T. MADONSELA



mictseta

Media, Information And
Communication Technologies
Sector Education And Training Authority

SHAPING SKILLS, PIONEERING INDUSTRIES, EMPOWERING FUTURES

A handwritten signature in black ink, appearing to read "M. Harri", is positioned above the CEO's name.

CEO: TSHIMOLOGONG PRECINCT