BHEKIFA CLEMANT MABILA

✉Clementmabila95@gmail.com |✆ +27 72-904-8720 | https://www.linkedin.com/in/clement-mabila-5707162b3/

Education

Tshwane University of Technology
Diploma in Computer Science   Feb 2022 - present.

• **Modules:** OOP in Java, Web Development, Internet Programming, Programmable logic control, Operating systems, Database management in SQL, Database Programming in PL/SQL, Android development in Kotlin, Data structures.

Skills

Languages: Java, C++, Python, JavaScript, Kotlin, Typescript, Assembly language, HTML&css, SQL, PL/SQL Bootstrap and React.
Operating Systems: Windows and Linux
Technologies: MySQL, PostgreSQL, Git, Amazon (AWS), Herok Platform

Personal Projects

Campus Navigation System:

Programming language: Python, React, HTML & CSS, React
Frameworks: Django Rest Framework
Operating system: Windows, Android, IOS
Integrated Development Environment: Microsoft Visual Studio Code

• The application is an innovative web application designed specifically for SA Universities. Utilizing the google maps platform API, this platform allows user to easy locate their current position on the map, select their desired destination on the campus, and find best route, estimated time to reach the goal.

Fuel master:

Programming language: Python, HTML & CSS, JavaScript, Bootstrap
Operating system: Windows, Linux, IOS, Android
Integrated Development Environment: Microsoft Visual Studio

• This project involves the development and analysis of a robust
 Web application that utilizes the google maps API to find nearly located garages
to user and providing all necessary information about the garage including available
fuel types & prices per Liter, Current number of people heading to the garage and ATM availability.

Thriftville Hub:

Programming language: Python, React, HTM & CSS, Bootstrap, and JavaScript
Operating system: Windows
Integrated Development Environment: Microsoft Visual Studio Code

• A dynamic e-commercial website for selling clothes, focusing on user friendly design and seamless shopping experience. Implemented features include product listing, shopping cart functionality, secure payment integration and customer reviews. This project highlights my skills in full stack development, and user experience design

Experience

Software Project   Feb 2022 – Feb 2024

Company name: Tshwane university of Technology
Employment type: Contract

• Developed and deployed a lot of Web Applications using Django and React, including a campus navigation system and an e-commerce platform. Leveraging APIs such as Google Maps, voice over assistance to enhance functionality and user experience. Demonstrating a strong skill in full-stack development, API integration, and real-time data processing. Delivering robust user-centric solutions that meet client needs and improved operational efficiency.

Artificial Intelligence (Remote Internship)   June 2024 – July 2024

Company name: Codesoft
Employment type: Volunteering
Duration: 4 weeks

•As a virtual intern at CodeSoft, I am currently working on developing an image captioning model and a rule-based chatbot. My tasks include gathering and preprocessing data, implementing, and training models.

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Academic Transcript

Issuing Institution : Tshwane University of Technology PRODI41
Name   : MABILA BHEKIFA CLEMANT
Student Number   : 22732909
Identity Number   : 0310025925085   Date Of Birth : 02-OCT-2003

Year : 2022 DIPLOMA IN COMPUTER SCIENCE
National Qualification ID : 109017   Credit : 360
National Level : Advanced Certificate, Diploma (06)
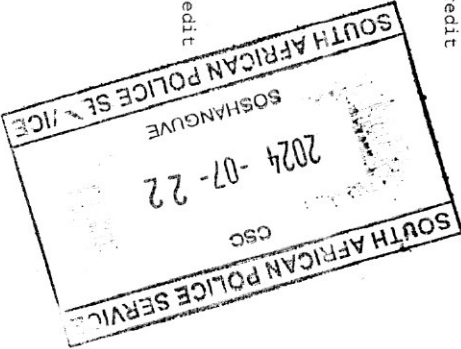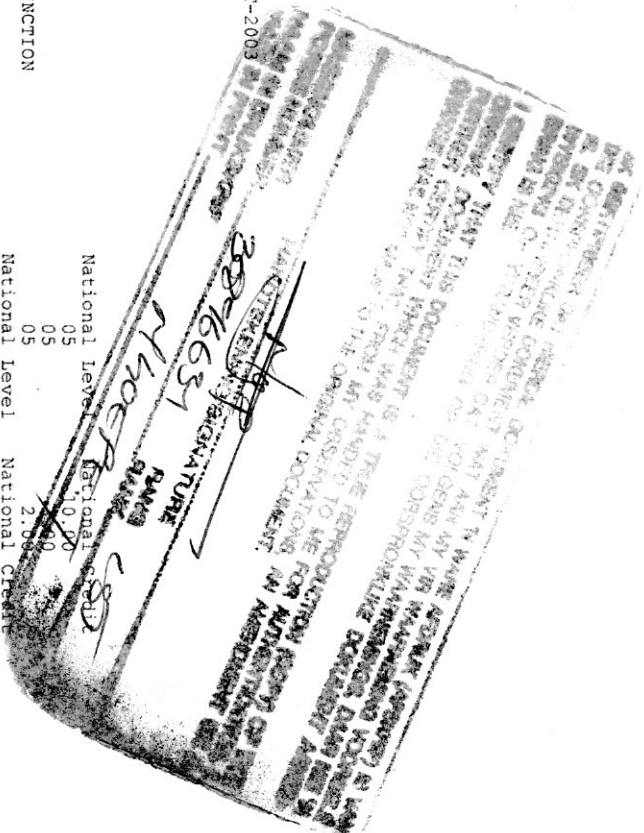Designator : NOT APPLICABLE
Qualifier : COMPUTER SCIENCE
Annual Result :
YEAR (JAN-DEC)   National Level   National Credit
COMMUNICATION FOR ACADEMIC PURPOSES   67 PASS   05   15.00
INFORMATION LITERACY   65 PASS   05   15.00
LIFE SKILLS   75 PASS WITH DISTINCTION   05   15.00
FIRST SEMESTER (JAN-JUN)   National Level   National Credit
COMPUTING FUNDAMENTALS A   65 PASS   05   15.00
COMPUTATIONAL MATHEMATICS   71 PASS   05   15.00
PRINCIPLES OF PROGRAMMING A   62 PASS   05   15.00
SECOND SEMESTER (JUL-DEC)   National Level   National Credit
COMPUTING FUNDAMENTALS B   78 PASS WITH DISTINCTION   05   15.00
DISCRETE STRUCTURES   80 PASS WITH DISTINCTION   05   15.00
PRINCIPLES OF PROGRAMMING B   80 PASS WITH DISTINCTION   05   15.00
WEB COMPUTING   80 PASS WITH DISTINCTION   05   15.00

Year : 2023 DIPLOMA IN COMPUTER SCIENCE
National Qualification ID : 109017   Credit : 360
National Level : Advanced Certificate, Diploma (06)
Designator : NOT APPLICABLE
Qualifier : COMPUTER SCIENCE
Annual Result :
FIRST SEMESTER (JAN-JUN)   National Level   National Credit
ADVANCED DISCRETE STRUCTURES   82 PASS WITH DISTINCTION   06   15.00
COMPUTER ARCHITECTURE AND ORGANISATION   57 PASS   06   15.00
DATABASE PRINCIPLES   82 PASS WITH DISTINCTION   06   15.00

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Identity Number : 0310025925085   Date Of Birth : 02-OCT-2003

				National Level	National Credit
OBJECT-ORIENTED PROGRAMMING	83	PASS WITH DISTINCTION		06	15.00

SECOND SEMESTER (JUL-DEC)

				National Level	National Credit
ADVANCED OBJECT-ORIENTED PROGRAMMING	88	PASS WITH DISTINCTION		06	15.00
INFORMATION SECURITY	85	PASS WITH DISTINCTION		06	15.00
OPERATING SYSTEMS	75	PASS WITH DISTINCTION		06	15.00
SOFTWARE ENGINEERING FUNDAMENTALS	62	PASS WITH DISTINCTION		06	15.00

Year : 2024 DIPLOMA IN COMPUTER SCIENCE
National Qualification ID : 109017   Credit : 360
National Level : Advanced Certificate, Diploma (06)
Designator : NOT APPLICABLE
Qualifier : COMPUTER SCIENCE
Annual Result :

FIRST SEMESTER (JAN-JUN)

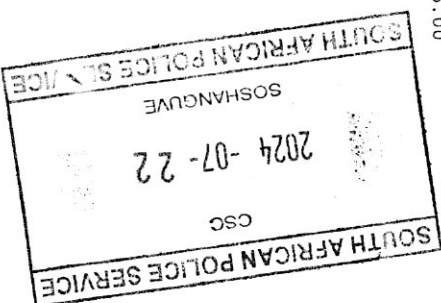|				National Level	National Credit
DATABASE PROGRAMMING	84	PASS WITH DISTINCTION		06	15.00
INTERNET PROGRAMMING	60	PASS		06	15.00
MOBILE COMPUTING	82	PASS WITH DISTINCTION		06	15.00
SOFTWARE PROJECT	56	PASS		06	15.00

I hereby declare that
MABILA BHEKIFA CLEMANT
was a registered student at this university during the above mentioned
years and that his / her conduct was satisfactory.

FOR REGISTRAR
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16-JUL-2024

Student Services

Tshwane University of Technology

of Technology

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Academic Transcript

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Issuing Institution : Tshwane University of Technology PRODI41
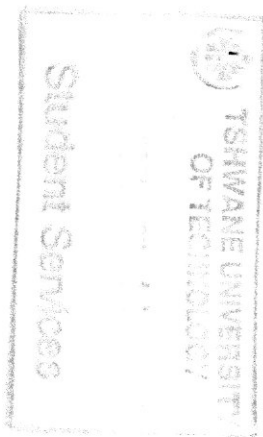Name   : MABILA BHEKIFA CLEMANT
Student Number : 223732909
Identity Number : 0310025925085

Date Of Birth : 02-OCT-2003

*National Level Key
10 - Higher Certificate
11 - Advanced Certificate, Diploma

Student Services

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