Curriculum Vitae of Nhletelo Mathebula

341 Nagtegaal Street
Silverton, Pretoria
0184

Summary

I am a well-grounded, motivated and detail oriented Computer System Engineering student at Vaal University of Technology with a strong foundation in IT infrastructure, End- user computing and Technical support. I also have good communication skills. I am reliable, committed and loyal. I tackle any task given to me with enthusiasm. I am diligent and I enjoy new challenges. I am always eager to learn new things and broaden my horizons and knowledge. I believe I will be an asset to your company and look forward to the opportunity to work for you.

Personal Details

Date of birth	: 11 – 05 – 2002
Gender	: Male
Nationality	: South African
Cell number	: +27 (65) 539 5289
Marital Status	: Single
Health status	: Good
Criminal record	: None
Driving license	: Code 10
Email address	: nhletelomathebula9@gmail.com
Languages	: Xitsonga, English and IsiZulu
Availability	: Immediately

Academic Background

Last school attended	**: St. George College**
Highest Grade passed	: 12
Subjects	: Xitsonga (HL), English (FAL), Geography, Mathematics, Physical Science, Life Science Life Orientation
Year Completed	: 2020

Name of the institution	**: Vaal University of Technology**
Course	: Diploma in Computer Systems Engineering
Year Completed	: In Progress

Academic Projects

Digital systems smart house alarm security system

- Designed and implemented a smart house alarm systems using ESP32, ultrasonic sensor, keypad and liquid crystal display

User interface for light intensity control

- Created a frontend using HTML, CSS, and JavaScript to adjust and monitor light intensity
- Developed the backend with Python and Flask to interface with an ESP32 microcontroller programmed via Arduino
- Integrated a MySQL database for storing and retrieving light intensity data
- Ensured seamless interaction between the hardware and software to enhance usability

Network configuration lab

- I configured virtual networks using routing protocols and IP addressing schemes
- I managed to troubleshoot connectivity issues and ensured secure data transfer

Behavioural and technical competencies

- **Workflow Management**: Efficiently organizing tasks to ensure timely and high-quality delivery
- **Self-Development:** Actively pursuing opportunities for professional growth and self-improvement.
- **Manages Complexity:** Solving intricate problems with a structured and analytical approach
- **Ensures Accountability**: Taking ownership of tasks and maintaining high performance standards

Skills and Abilities:
- Programming languages: python, c++
- Web development: HTML, CSS, Responsive Design
- Operating Systems: Microsoft Azure, Linux
- Networking: Network Configuration, TCP/IP, Routing and Switching
- Database and Cloud Management: MySQL, Microsoft azure
- Open, honest and cooperative
- Conflict resolution and problem solving skills
- Prioritising work and flexible
- Monitoring and evaluation skills
- Strong teamwork skills
- Innovation and creative thinking skills

Reference

Name of the institution   : **Vaal University of Technology**
Contact person   : Admin
Contact   : +27 (16) 950 9000