

**CURRICULUM VITAE for**  
**KEITH TATENDA MUGWAZIWEDOTA**

**BEng Hons Degree in Telecommunications Engineering**

**Residential Address: 16844 Treasure Consult, Chesvingo,  
Masvingo, Zimbabwe**

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**PERSONAL DETAILS**

Date of Birth: 27 April 2001  
Identity Number: 14-259684-F-13  
Sex: Male  
Marital Status: Single  
Religion: Christianity  
Nationality: Zimbabwean  
Languages: Shona and English  
Place of Birth: Chiredzi  
Driver's Licence: Class 2  
Health Status: Excellent

**CARRIER OBJECTIVES**

I am a motivated graduate in telecommunications engineering. I aim to leverage my technical skills and knowledge in network design and communication systems to contribute to innovative projects in a dynamic engineering environment. I am eager to apply my problem-solving abilities and passion for technology to enhance connectivity solutions and support the growth of cutting-edge telecommunications systems. My goal is to develop professionally while making a positive impact within the industry.

**PERSONAL ATTRIBUTES AND SKILLS**

- Highly adaptive and innovative.
- Strong working knowledge of programming languages such as Python, C++, HTML and CSS.
- Good working knowledge of network configurations, Access Points, WiFi, LAN and WAN.
- Excellent team player with strong interpersonal communication skills.

- Solid hardware and software maintenance.
- Experienced with network devices: Sophos and Cisco Routers, Switches and Firewalls.
- Familiar with Windows Servers, Microsoft 365, Dynamics, and Business Central.
- Proficient in Microsoft Suite.
- Highly energetic, dedicated and motivated with a strong eagerness to learn.
- Objective-driven, results-oriented and well-organised.
- Capable of working with minimum supervision.
- Aptitude with software tools: Visual Studio Code, Proteus, Cisco Packet Tracer, Advanced Design System (ADS), and Arduino IDE.

## **EDUCATIONAL DETAILS**

### **TERTIARY LEVEL**

- Bachelor of Engineering Honours Degree in Telecommunications Engineering – Midlands State University

Grade: 2.1

### **PROJECTS**

1. Electronic voting system using Arduino Uno.
2. Internet of Things (IoT) based health monitoring system using ESP32.
3. Engine locking system for drivers under the influence of alcohol.
4. Artificial intelligence-powered wearable assistive system for enhancing navigation and accessibility for individuals with visual impairment and no sight using Raspberry Pi 4.
5. Designing and fabrication of a rectangular insert-feed rectenna system for radio frequency energy harvesting at 5 GHz.

## **PROFESSIONAL CERTIFICATES**

- ❖ Project Management Essentials Certificate issued by Disaster Ready.
- ❖ Space Architecture and Design issued by the School of Disruption.
- ❖ Networking Basics issued by CISCO Networking Academy
- ❖ Introduction to Cybersecurity issued by CISCO Networking Academy
- ❖ Introduction to Internet of Things issued by CISCO Networking Academy
- ❖ Certificate of Participation for Applied Machine Learning Days 2022 issued by Applied Machine Learning Days Africa

## **ADVANCED LEVEL, CHIBUWE HIGH SCHOOL**

NOVEMBER ZIMSEC 2020

3 'A' Level subjects (Pure Mathematics A, Physics B and Chemistry C)

## **ORDINARY LEVEL, TAKWIRIRA SECONDARY SCHOOL**

NOVEMBER ZIMSEC 2018

10 Ordinary Level passes including Mathematics, Science and English Language

## **WORKING EXPERIENCE**

Organisation: National Oil Infrastructure Company of Zimbabwe

Position: Attachee (Junior Network Infrastructure Engineer)

Period: August 2023 – July 2024 (1 year)

## **DUTIES**

- Design and implement network solutions tailored to organisational needs.
- Ticketing in the Helpdesk and updating assets and equipment within the organisation.
- Creating accounts for users and managing users' permissions in the Active Directory (AD).
- Monitor network performance and troubleshoot issues to ensure optimal operation.
- Ensuring system maintenance for computer systems, software and hardware.
- Configuring network routers and switches and monitoring the CCTV system.
- Implementing and managing network security measures to protect sensitive data.
- Maintaining and implementing cybersecurity measures to protect systems from data threats.
- Maintaining accurate documentation of the network configurations, diagrams and policies
- Provide technical support for network-related issues to users.
- Undertaking system backups and ensuring that the website is displaying well.
- Providing weekly reports on network uptime, performance and security.
- Participated in various IT projects, which include Network Expansion, Installation of a new LAN and a newly opened depot and systems migrations and fiscalisation.
- Analyse network traffic and usage patterns to plan for future capacity requirements.

## **HOBBIES**

- Reading articles
- Coding

- Tinkering
- Designing

## **REFERENCES**

1. Name: Mr H. D. Mafukidze (Chairperson, Applied Physics and Telecommunications)

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Email address: [mafukidzehd@staff.msu.ac.zw](mailto:mafukidzehd@staff.msu.ac.zw)

2. Name: Dr A. Nechibvute (Dean, Faculty of Science & Technology)

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3. Name: Mr G. Kanotangudza (ICT Manager, Attachment supervisor)

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4. Name: Mr K. Zongoro (Network Infrastructure Engineer, Attachment foreman)

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