Takwana Daniel Mukushwa

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Summary

Highly motivated third-year Computer Science and Engineering student with a strong interest in cybersecurity, including network security, ethical hacking and penetration testing, digital forensics and threat analysis. Passionate about identifying vulnerabilities, implementing secure systems, and staying updated on emerging cyber threats. Seeking internships or hands-on opportunities to apply security knowledge and contribute to safeguarding digital infrastructure.

Skills

- Python, Java, C, C++ (OOP and DS)
- SQL-MySQL, MongoDB
- HTML & CSS, ExpressJS, JavaScript

- Ethical hacking (penetration testing, vulnerability assessment)
- Windows and Linux expert
- Metasploit, Burp Suite, Nmap, Wireshark, Bettercap etc

- Problem Solving
- Sociable
- Teamwork
- Customer service

Experience

Cyber Forensics Investigation Intern (Virtual)   **July 2025 – August 2025**

Sherlock Institute of Forensic Science   *India*

- Digital Crime Scene Investigation, Cyber Forensic Tools & Techniques (Mobile phones -Android & iOS), Forensic Imaging, Investigation Methodologies, Network Forensics and Traffic Analysis, Email Forensics, Cloud Forensics, Audio & Video Verification.

Supermarket Cashier   **August 2022 – May 2023**

OK Zimbabwe (ltd)   *Mutare, Zimbabwe*

- Processed payments using POS systems accurately and securely, Participated in team meetings regularly to discuss new initiatives or changes within the store, Resolved customer complaints in a timely manner while following company policies regarding returns.

Census Enumerator   **February 2022 – March 2022**

Zimbabwe National Statistics Agency   *Mutare, Zimbabwe*

- Ensured that confidential information was kept secure at all times during enumeration process, Identified potential challenges related to obtaining accurate information from respondents, Collaborated with team members to ensure that all areas were properly surveyed.

Projects

Rural Survey Navigation (NaviC) | *Flutter, Google Maps API, SQLite, Firebase, TensorFlow Lite*

- Applied the concepts of Dijkstra's Algorithm, Graph Theory and TSP to develop an application that helps survey/census enumerators with navigation in rural areas.
- The main aim was to eliminate the leaving out of some households that were either too confined or at unexpected areas and to provide a shortest and viable route to enumerate those households.

Certifications & Achievements

National CTF Competition winner (Zimbabwe) | *Hosted by Cyberus & CyberED (Russia)*   **02 October 2025**

- Solved all challenges demonstrating advanced practical skills in cybersecurity and ethical hacking.

Oracle Cloud Infrastructure 2025 Certified Foundations Associate   **Issued November 2025**

Oracle Cloud Infrastructure 2025 Certified AI Foundations Associate   **Issued October 2025**

Oracle Java Certified Foundations Associate   **Issued May 2025**

Education

Bachelor of Technology in Computer Science and Engineering | CGPA : 7.71

Aditya College of Engineering and Technology | Surampalem, East Godavari, AP, India

September 2023 – Present | Expected in July 2027