

**FARAI PETER JUNIOR MUSHIPE**

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Plot 110, Heany Junction, Bulawayo, Zimbabwe

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**AWARDS & HONORS**

- Presidential Innovation Challenge Selectee (2024)
  - Kutsaga Innovation Challenge Top 20 Finalist (2025)
  - ATUPA Competition Participant (Kenya, 2024)
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**PROFESSIONAL SUMMARY**

A highly innovative Computer Systems Engineering graduate with a proven track record in developing technology solutions that enhance efficiency and user experience. Combines technical expertise in software development, IoT, and networking with a strong passion for leveraging technology to solve business challenges and deliver exceptional service. Seeking to contribute these skills to the ICT Graduate Trainee role at Cresta Hotels, supporting technological innovation within the hospitality industry.

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**HIGHLIGHTS OF QUALIFICATIONS**

- **Technical Versatility:** Proficient in software development (Python, Java), network management (MikroTik, Ubiquiti), and emerging technologies (IoT, AI)
  - **Project Leadership:** Led award-winning projects from concept to deployment, recognized in national innovation challenges
  - **Customer-Focused Solutions:** Developed user-centric applications with focus on reliability, security, and enhancing user experience
  - **Quick Learner & Adaptable:** Demonstrated ability to rapidly master new technologies to meet project goals in fast-paced environments
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**TECHNICAL SKILLS**

- **Programming Languages:** Python, Java
  - **Frameworks & Technologies:** Android SDK, TensorFlow/Keras, Botpress
  - **Cybersecurity & Networking:** Network Configuration (MikroTik, Ubiquiti), Penetration Testing, Encryption (AES)
  - **Hardware & IoT:** Drone Technology, IoT Device Configuration, Sensor Integration
  - **Soft Skills:** Project Leadership, Problem-Solving, Teamwork, Customer Service Orientation
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**PROFESSIONAL EXPERIENCE**

**Software & Network Engineer Intern** | Bulawayo Polytechnic, Bulawayo  
*July 2023 – August 2024*

- Configured and optimized 15+ Ubiquiti and MikroTik devices, significantly reducing downtime and improving reliability

- Developed chatbots using Botpress that automated ~70% of common user inquiries, reducing staff workload
- Developed native Android applications using Java with focus on intuitive UI/UX design
- Performed comprehensive hardware/software maintenance, troubleshooting, and repairs
- Provided prompt remote technical support to 50+ staff, ensuring minimal disruption and high user satisfaction

## PROJECTS

### **Live WhatsApp Business Chatbot** | Developer & Maintainer

*Sep 2024 – Present*

- Developed and deployed production-grade chatbot on WhatsApp Business API using Botpress
- Automates customer inquiries and service responses, improving engagement and reducing response time
- **Relevance:** Demonstrates ability to create automated systems that improve customer engagement and operational efficiency—directly applicable to enhancing guest services in hospitality

### **Project Kushora** | Project Leader & Lead Developer

*May 2025 – June 2025*

- Led team of 5 in developing advanced agricultural monitoring system using YOLO-trained models
- Integrated drone technology, IoT sensors, and satellite imagery for real-time insights
- **Achievement:** Recognized among top 20 projects in Kutsaga Innovation Challenge (2025)

### **Student Shield Android Application** | Developer

*September 2023 – March 2024*

- Developed safety-focused Android app with distress signals, crime mapping, and encrypted messaging
- **Achievement:** Selected for Presidential Innovation Challenge and featured in ATUPA competitions (Kenya)

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## EDUCATION & CERTIFICATIONS

### **Bachelor of Science Honors in Computer Systems Engineering** | Midlands State University

*Completed 2025 | Classification: 2.1*

### **Cisco Networking Academy Certifications** | 2024-2025

Available at: <https://www.credly.com/users/farai-peter-jfarfar/badges>

(Junior Cybersecurity, Cyber Security Threat Management, Network Support & Security, Data Science, IoT)

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## REFERENCES

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