Ken Junior Kandoje

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Address: **The University of Malawi, P.O BOX 280, Zomba**

Nationality: **Malawian**

Eligible to travel internationally | **Valid Passport Available**

Professional Summary

A versatile and fast-learning Tech Enthusiast and Network Engineer with hands-on experience in full-stack web development, digital infrastructure innovation, and computer/electronics repair. I possess a strong technical foundation in network design, troubleshooting, optimization and cloud computing, along with a solid understanding of cybersecurity principles for implementing secure, high-performance environments. I also leverage programming skills to automate tasks and build innovative digital solutions. Passionate about learning and applying new technologies to solve real-world problems. Grand Winner of the 2025 Southern Africa Digital ID Hackathon, where I led the development of UmodziRx, a blockchain based digital prescription platform built using Hyperledger Fabric and MOSIP.

Technical Skills

1. Networking & Cybersecurity

   • Network Design, Routing & Switching, Monitoring, Optimization
   • Intrusion Detection Systems (IDS), Firewall Configuration
   • Cybersecurity & Vulnerability Assessment
   • Risk Management & Incident Response

2. Software & Web Development

   • Full-Stack Web Development: Node.js, React.js
   • RESTful API Development
   • Programming Languages: Java, Python, Javascript, C++
   • Digital Identity Integration (MOSIP), Hyperledger Fabric

3. Other Technical

   • Computer and Electronics Repair & Troubleshooting

Leadership and soft Skills

   • Cross-functional Collaboration
   • Team Leadership & Mentoring

- Problem Solving & Critical Thinking
- Time Management & Adaptability
- Effective Communication

Projects

UmodziRx : Blockchain and MOSIP based Digital Prescription Platform

1. Project Leader, 2025 Southern Africa Digital ID Hackathon
2. Led team of foul in developing UmodziRx, a blockchain and MOSIP based digital prescription system using Hyperledger Fabric and signet
3. Integrated digital ID authentication and ensured secure and tamper-proof prescription issuance and tracking.
4. Achieved 1st place across Southern Africa among 100+ participants

Work Experience

1. Election Device Management Operator
   Malawi Electoral Commission

   - Operated and maintained biometric registration devices
   - Managed sensitive election materials and equipment
   - Ensured proper setup and timely closure of registration centers

2. Computer & Electronics Repair Specialist
   Self-Employed

   - Diagnosed and resolved hardware/software issues
   - Streamlined service processes to enhance efficiency
   - Provided upgrade advice and technical consultations

Volunteer and leadership Experience

1. Symposium Committee Member (1 year)
   University of Malawi Computing Society (COMSOC)
   - Organized symposium showcasing student innovations
   - Coordinated with sponsors and stakeholders for event success

2. Media Director (1 year)
   University of Malawi Christian Gang (UNIMA CG)
   - Maintained and repaired AV/media equipment
   - Directed media teams to deliver event coverage
   - Developed standard workflows for technical tasks

3. Class President (2 years)
   University of Malawi
   - Led class discussions and ensured effective communication among classmates
   - Organized and Coordinated class activities and events

4. Project Leader (1 year)
   - Led development of UmodziRx project.

Education

BSc in Computer Network engineering: University of Malawi (UNIMA)

Malawi School Certificate of Education: Chimwankhunda Community Day Secondary School

Certifications
• Google Cybersecurity Professional Certificate
• AFRINIC IPv6 Deep-Dive Masterclass
• Introduction to Security Principles in Cloud Computing
• Introduction to DHIS2

Licences
• Valid Malawi Driving Licence
• Code C1

Awards
• Grand Winner: 2025 Southern Africa Digital ID Hackathon (UmodziRx Project)

Languages
• Chichewa: Native
• English: Fluent

Referees

Mr. Levison Levis Msonthe
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Hobbies

Reading, Sports, Cycling, Volunteering.