

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 four 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

Revised Technology Transfer Professional

Malawi University of Business and Applied Science. (MUBAS).

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Mr. Ramsey Njema

Lecturer, Department of Computing – UNIMA

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Mr. Kingsley Mbewe

Assistant Lecturer, Department of Computing – UNIMA

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Hobbies

Reading, Sports, Cycling, Volunteering.