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# TIMOTHY MAINA KAGENI

## Software Developer

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## PROFILE


I'm a tech-driven cybersecurity analyst and software developer passionate about solving real-world challenges through secure coding and robust infrastructure. From backend development to deploying networks in government ministries, I combine precision, innovation, and adaptability. I thrive in dynamic environments and take pride in being a dependable teammate and a proactive problem-solver.

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## EXPERIENCE

### Intern – Network and Systems Technician

#### **TechSource Point – Westlands, Kenya**


 April 2025 – Present

- Currently deployed to the **Ministry of Energy and Petroleum (Kawi)** and the **Ministry of Transport and Roads**, supporting key IT infrastructure projects.
- Assisted with structured cabling, trunking, and general cable management.
- Configured Cisco switches and optimized LAN/WAN performance.
- Set up server rooms, assembled racks, and organized patch panels.
- Provided IP addressing, diagnostics, and general network troubleshooting.

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## **Data Collection & Entry Officer – Bursary Program**

### **Mathioya Constituency Office – Murang’a, Kenya**

 *February 2025 – March 2025*

- Collected and validated data from bursary applicants during field activities.
- Entered, cleaned, and organized over 500 applicant records.
- Assisted the administration in compiling and verifying final reports.

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## **Backend Developer**

### **Bramwa Tech Solutions – Murang’a, Kenya**


 *September 2023 – April 2024*

- Developed backend modules for a school management platform (subscriptions, reporting, and student records).
- Designed and optimized database systems for scalability and accuracy.
- Worked closely with frontend teams to ensure seamless system integration.

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## **Intern – Network Technician & Robotics Assistant**

### **Apollo Comptronics & Net Services – Murang’a, Kenya**

 *June 2023 – September 2023*

- Installed and maintained LAN/WAN networks and wireless systems.
  - Deployed CCTV and internet setups for local clients.
  - Supported the design and testing of robotics/automation prototypes.
  - Took part in client demos, tech support, and product presentations.
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## EDUCATION

### Information Communication Technology


#### **Murang'a University of Technology – Murang'a, Kenya**

 *August 2022 – April 2025 (Expected)*

- Worked on various tech projects including mobile apps, full-stack systems, and IT audits.
  - Key Courses: Java, Systems Analysis, Web Development, Embedded Systems, and Electronics.
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### Web Development Bootcamp

#### **eMobilis Technology Training Institute – Nairobi, Kenya**

 *October 2024 – December 2024*

- Gained full-stack development skills using Python, Git, JavaScript, and Bootstrap.
  - Integrated M-Pesa (Daraja API) into responsive web applications.
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## TECHNICAL SKILLS

- **Languages:** Python, JavaScript, PHP, Java, C/C++
  - **Web:** HTML, CSS, React, Django, Express, Bootstrap, Ruby on Rails
  - **Databases:** MySQL, PostgreSQL, MongoDB, SQL
  - **Cybersecurity:** Digital Forensics, Pen Testing, SIEM Tools, Security Audits
  - **Networking:** Cisco Switches/Routers, IP Configuration, LAN/WAN, Wi-Fi Setup
  - **Cloud & Tools:** AWS (EC2, S3), Git, GitHub, Shell Scripting, Figma, Adobe XD
  - **Other:** M-Pesa API Integration, Automation, Rack Assembly, Trunking
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## SOFT SKILLS

- Sharp analytical and problem-solving mindset
  - Strong communicator and team collaborator
  - Fast learner, adaptive to new tools and technologies
  - Creative in user-focused design and system architecture
  - Reliable under pressure and deadline-driven
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