

## DENNIS MBURU MWAURA

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[LinkedIn Profile](#)

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KENYAN

A dynamic and motivated technology professional with a background in full-stack web development, foundational cybersecurity, and emerging cloud-native technologies. Skilled in building secure, scalable applications while integrating security best practices across the software development life-cycle. Recently broadened my awareness in cloud-native computing and container orchestration, and deepened my understanding of modern security operations, threat detection, and identity management. I bring a DevSecOps-oriented mindset to developing and safeguarding modern digital systems.

### PROFESSIONAL SKILLS

- **Programming & Scripting:** JavaScript, Ruby, Python, TypeScript, Bash, Powershell.
- **Front-End:** HTML, CSS, Tailwind CSS, React, Redux, Angular, Bootstrap, Material UI.
- **Back-End and Databases:** Node.js, Express.js, Ruby on Rails, Sinatra, SQLite3, PostgreSQL, MongoDB, Firebase.
- **Security Skills:**
  - Conducting vulnerability assessments to identify and mitigate weaknesses in applications and infrastructure.
  - Hardening systems through configuration reviews and secure baseline practices.
  - Identity and access management controls (MFA, RBAC, conditional access and least privilege access).
  - Familiar with core SOC workflows including threat detection, alert triage and incident response workflows.
  - Awareness of Zero Trust Principles, compliance considerations, and cloud-native security concepts.
  - Exposure to threat classification and detection frameworks such as MITRE ATT&CK.

### WORK EXPERIENCE

#### Freelance Web Developer

Seasonal

January 2023 - Present

As a freelance web developer, I collaborate with various clients to gather requirements, offer technical consultation, and deliver custom web solutions tailored to their unique business needs. Notable projects include:

1. **E-Mail V2:** Developed a full-featured e-commerce platform using the MERN stack and Redux Toolkit, featuring a dynamic shopping cart, step-by-step checkout, product reviews, admin management, advanced search functionality and integrations with PayPal and M-Pesa. Secured payment systems and ensured application security best practices, including input validation and secure authentication.
2. **Edupo School:** Built an integrated classroom management solution using Vite React, Ruby on Rails, and SQLite3, featuring four dedicated web portals for admin, teachers, students, and parents. The system includes role-based access, centralized user management, assignment creation and grading, and academic progress tracking. Implemented security measures to ensure data privacy and integrity across all portals.
3. **E-Mail:** Designed a multi-vendor e-commerce platform using React, Tailwind CSS, Ruby on Rails, and PostgreSQL, which allows users to create accounts as either vendors or customers. Vendors can manage their own product listings, while customers can browse vendor details, make online orders, and manage their carts. Integrated authentication and authorization systems to safeguard vendor and customer data.
4. **Intern Management System:** Developed a system using React, Bootstrap, Sinatra, and SQLite3 that guides HR managers in info-tech companies on intern placement based on department-specific requirements. HR can then add, edit, or remove interns from the company's database and track their progress using flexible layouts, such as by supervisor or department, for easier management.

#### iTalanta (Elewa Company)

Internship

August 2023 - Feb 2024

Collaborated with a diverse team of developers, primarily focusing on front-end development for 2 major projects:

1. **Elewa Website:** Contributed to the development of the official second version of the Elewa Company website using Angular.
2. **Goomza:** Worked on a conversational e-learning platform using Angular, Node.js, and Firebase.

#### Kenya Revenue Authority

Logistics Assistant

February - May 2023

Played a pivotal role in optimizing vehicle and driver utilization within KRA's transport department. Leveraged advanced Microsoft excel skills to analyze data and generate reports encompassing fuel consumption, driver schedules, local and field trips allocations, vehicle maintenance records and daily cab requisitions.

<b>ToyoPoint Garage</b>	<b>Junior Mechanic</b>	<b>March – May 2021</b>
<b>Kenya Ferry Services</b>	<b>Engine room Attendant</b>	<b>June – August 2019</b>
<b>Kenya Ports Authority</b>	<b>Mechanical Engineering Trainee</b>	<b>July – September 2018</b>

## EDUCATION

- **Security Operations Analyst** – Cyber Shujaa + Microsoft ADC *April – July 2025*
- **Ethical Hacker Certificate** – Cyber Shujaa *Sept – December 2024*
- **Certificate in Software Engineering** – Moringa School *May – November 2022*
- **Bachelor of Science in Mechanical Engineering** – Technical University of Mombasa *2014 -2019*
- **Kenya Certificate of Secondary Education** – Upper Hill School *2010 - 2013*

## CERTIFICATIONS

<b>Certification</b>	<b>Issuing Body</b>
• Kubernetes and Cloud Native Associate – <i>June 2025</i>	The Cloud Native Computing Foundation (CNCF)
• Microsoft Certified: Security, Compliance and Identity Fundamentals – <i>May 2025</i>	Microsoft

## TRANSFERRABLE SKILLS

- |   |  |
|---|--|
| ✓ Technical Documentation                       | ✓ Attention to detail                          |
| ✓ Excellent analytical & problem-solving skills | ✓ Strong verbal & written communication skills |
| ✓ Strong work ethic                             | ✓ Team work                                    |

## REFEREES

<b>Dickson Kimani Joseph</b>	<b>Stephen Mwaura</b>
Transport Officer – Kenya Revenue Authority	Software Engineer – Elewa Company
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