GARD ALSON SAFARI

Full Stack Developer

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CAREER SUMMARY:

Full-Stack Developer and Computer Science graduate. Skilled in modern web development, data analysis and machine learning with additional exposure to Unity-based 2D game development and cybersecurity. Proven ability to work on real-world systems through tech attachments.

EDUCATION:

Bachelor of Science in Computer Science (2025)
Zetech University | Nairobi, Kenya
Graduated with Second Class Honors Upper Division
Relevant coursework: Algorithms, Software Engineering, Database Systems, Data Analysis and Machine Learning

Diploma in Electrical & Electronics Engineering (Telecommunications) (2023)
Technical University of Mombasa | Mombasa, Kenya
Graduated with credit in telecommunication systems and network fundamentals

SKILLS:

- Frontend Development
   Next.js, React, Tailwind CSS
- Backend Development
   Node.js, Express.js, MySQL, PostgreSQL
   Django, Django REST Framework (Foundational)
- Data Analysis:
   Python, Pandas, Scikit-learn, Streamlit Framework, Excel
- Desktop Application:
   PySide6 framework
- Game Development:
   C#, Unity2D
- Cybersecurity & System Security
   Network reconnaissance using Nmap
   Web application security testing using Gobuster and Nikto
   Vulnerability analysis using Exploit Database
    Foundational privilege escalation concepts using Metasploit in lab environments
- Tools:
   Git, VS Code, Scrapy, Linux
- Database:
   MongoDB

RELEVANT PROJECTS:

Airport Booking Web Application | React, Tailwind CSS, Node.js, Express, MongoDB
- A full-stack booking system with authentication, Redux, and role-based admin functionality.

Air Quality Index Prediction | Python, Pandas, Scikit-learn, Streamlit
- Performed exploratory data analysis (EDA) and data analysis to identify key pollutants contributing to Air Quality Index (AQI) levels.
- Built and trained a Decision Tree Machine Learning model to predict AQI based on pollutant concentration levels

Monster Chase Game| Unity2D, C#
- Designed and built a 2D platform game
- Implemented collision detection, player movement, Scene Management and Enemy spawn functionality.

Bug Tracker Web Application | React, Tailwind CSS, Node.js, Express, MongoDB
- A full-stack booking system with authentication, Redux, and role-based admin functionality.

KaliDev-Track| Python, PySide6, MongoDB,
- A desktop application for tracking the progress of your software projects and tasks. Built with PySide6, it provides a user-friendly interface to manage, view, and organize your projects efficiently

WORK EXPERIENCE:

Electrical Installation & Maintenance Attaché (Jan 2023 – Apr 2023)

Egypro East Africa Group. | Nairobi, Kenya
- Assisted in troubleshooting electrical systems
- Installation of electrical components and wiring.

Software Developer Attaché (Sep 2025– Dec 2025)

Swahilipot Hub Foundation. | Mombasa, Kenya

- Developed and maintained full-stack web applications, working across both frontend and backend layers.
- Collaborated with technical teams to test, debug, and improve application performance and security.
- Participated in data analysis and machine learning, contributing to the development of a Network Intrusion Detection System using machine learning techniques.

CERTIFICATIONS & ADDITIONAL SKILLS

Full Stack Development MERN Stack Certification on 10 Nov 2025, Power Learn Project
Responsive Web Design Developer Certification on June 15, 2024 FreeCodeCamp

NDG Linux Essentials Certification on 18 Sep 2023, Cisco Networking Academy.

Linux Unhatched Certificate on 16 April 2023, Cisco Networking Academy.

Networking Security Certification on 14 Nov 2022, Cisco Networking Academy.