

ADHAN MOGE SALAH

Software Engineer & Web Developer

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PROFESSIONAL SUMMARY

Detail-oriented and results-driven Information Technology professional with a Bachelor's degree in ICT and expertise in software development, network administration, and data analytics. Proven ability to troubleshoot complex network systems, develop innovative software solutions, and collaborate effectively in cross-functional teams. Committed to leveraging technical expertise and problem-solving skills to drive organizational success.

EDUCATION

- **Bachelor of Science in Information Technology**, *Mount Kenya University* (2019–2022) *Second Class Upper Division*
 - **Diploma in Information Technology**, *Zetech University* (2016)
 - **Kenya Certificate of Secondary Education**, *Mokowe High School* (2013)
 - **Kenya Certificate of Primary Education**, *Mokowe Primary School* (2009)
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PROFESSIONAL EXPERIENCE

Kenya Revenue Authority | Developer intern

February 2025 – Present

- Assisting in the development and maintenance of internal web applications and APIs.
- Collaborating with the IT team to enhance system performance and security.
- Supporting the integration of enterprise systems, including tax administration platforms.
- Participating in debugging and troubleshooting software-related issues.
- Writing clean, efficient, and well-documented code following best practices.
- Assisting in database management, including querying and optimizing SQL databases.
- Conducting software testing and reporting defects to improve system efficiency.
- Learning and applying new technologies to improve automation and digital services at KRA.
- Supporting API development and integration for better service delivery.

- Documenting technical processes and user manuals for internal use.

ICT Authority | *Internship*

Nov 2023 – Nov 2024

- Monitored network performance and diagnosed errors to ensure optimal functionality.
- Troubleshoot network issues, resolving user-reported problems efficiently.
- Documented and tracked network errors, maintaining a detailed incident log.
- Created incident reports detailing impacts and resolutions.
- Deployed and configured physical IT network infrastructure, including routers, switches, and servers.
- Monitored public service network configurations and optimized performance.
- Developed a system for easy link search to streamline network resource management and improve operational efficiency.
- Designed and implemented a public Wi-Fi system monitoring tool to track router performance, usage statistics, and uptime.
- Automated routine network monitoring tasks using scripts to reduce manual efforts and enhance accuracy.
- Collaborated with the team to improve the scalability and security of the existing network infrastructure.

Lamu County Government | *Attachment*

Jan 2022 – April 2022

- Identified technical solutions for system migrations and server upgrades.
- Conducted system administration tasks, including patch installations and hardware support.
- Assisted with data analytics and contributed to software development projects.
- Enhanced resolution times by 15% through improved documentation and knowledge sharing.
- Collaborated on web development and programming initiatives.

Interop Technologies | *Internship*

Jan 2022 – April 2022

- Supported IT solutions and software development across teams.
- Conducted system administration, updates, and IT support tasks.
- Participated in web development projects and identified solutions to recurring technical issues.

Freelance Front-End Developer | USA

Jan 2021 – Aug 2021

- Designed responsive websites using HTML, CSS, and JavaScript.
 - Developed dynamic single-page applications with React and Angular.
 - Optimized website performance, reducing load times by 30%.
 - Ensured brand consistency with visually appealing user interfaces.
 - Conducted usability testing and implemented improvements for enhanced UX.
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AREAS OF EXPERTISE

- **Technical Skills:** Python, JavaScript, React, HTML/CSS, MySQL, PHP
- **Networking:** Network monitoring, troubleshooting, hardware setup, and optimization
- **Tools:** Git, Microsoft Office Suite, Google Workspace
- **Soft Skills:** Team leadership, problem-solving, time management, communication (English & Kiswahili)

- **Certifications:**
 - Cisco CyberOps Associate
 - HCIA-AI and Computer Network (Huawei)
 - 5G Network Architecture and Key Technologies (Huawei)
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HOBBIES

- Traveling to explore cultural diversity
 - Playing football and swimming
 - Participating in community outreach programs
 - Reading technology and innovation journals
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REFEREES


Mr. Michael Kitheka

NOC Supervisor, ICT Authority

 Michael.kitheka@icta.co.ke

Mr. Gabriel Mwaura

ICT Officer, Lamu County

 Gabrielmburugu@gmail.com