

# RICHARD GITHINJI

SENIOR PLATFORM ENGINEER

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📍 Nairobi, Kenya

🌐 Nationality: Kenyan

Experienced Senior Platform Engineer with over 4 years of expertise in managing cloud platforms, currently specializing in AWS and Microsoft 365 tools. Proven track record in designing, implementing, and managing identity and access management (IAM) solutions. Adept at integrating cloud services with enterprise systems, troubleshooting identity-related issues, and providing technical guidance. Committed to continuous learning and innovation in the Microsoft ecosystem.

## EXPERIENCE

### Milestone

- Successfully migrated over 1000 users to Microsoft 365, improving collaboration and productivity.
- Automated manual processes such as surveys, inventory processing, gate-pass, and HR leave requests using Microsoft 365 tools like SharePoint, MS Forms, Power Automate, Power Apps, and Sway for presentations.
- Led the design and implementation of Microsoft Entra Active Directory, enhancing security and access management.
- Implemented a comprehensive IAM solution for M-Gas LTD, reducing security incidents by 80%.
- Led the integration of AWS services with enterprise systems, resulting in a 90% increase in operational efficiency.

### Competencies

- Cloud Infrastructure Management: Expertise in managing and optimizing AWS services (EC2, CloudWatch, CloudFront) for high availability and performance.
- Automation and Scripting: Proficient in automating tasks using Powershell, Python, Bash, and configuration tools, enhancing efficiency and reliability.
- CI/CD Pipeline Implementation: Skilled in designing and implementing CI/CD pipelines using Jenkins and Git, improving deployment processes.
- Microsoft 365 Administration: Proficient in administering Microsoft 365 services, including Exchange Online, SharePoint Online, Teams, Power Apps.
- Identity and Access Management (IAM): Experienced in designing and implementing IAM solutions, including Microsoft Entra (Azure Active Directory), Conditional Access, and Multi-Factor Authentication (MFA).
- Single Sign-On (SSO) and Multi-Factor Authentication (MFA): Expertise in configuring and managing SSO and MFA for enhanced security.
- Integration and Automation: Skilled in integrating cloud services with enterprise systems and automating processes using Microsoft 365 tools like SharePoint, MS Forms, Power Automate, Power Apps, and Sway.
- Security Protocols: Knowledgeable in protocols like SAML, OAuth, and OpenID Connect for secure authentication and authorization.
- Role-Based Access Control (RBAC) and Privileged Identity Management (PIM): Proficient in implementing RBAC and PIM strategies to ensure least privilege access.

# PROFESSIONAL EXPERIENCE

M-Gas LTD | Nairobi, Kenya

2023 - Present

## Platform Engineer

- Managed AWS cloud infrastructure, including IAM, EC2, S3, and VPC.
- Designed and implemented identity and access management solutions, ensuring secure and efficient access to resources.
- Configured and managed Single Sign-On (SSO) and Multi-Factor Authentication (MFA) for enhanced security.
- Integrated AWS services and Microsoft 365 tools with various enterprise systems and third-party applications.
- Administered Microsoft 365 services, including Exchange Online, SharePoint Online, and Teams, ensuring seamless collaboration and communication.
- Troubleshoot and resolved complex identity and access-related issues, ensuring minimal downtime and optimal performance.
- Stayed updated on IAM best practices and AWS/Microsoft 365 enhancements to provide cutting-edge solutions.
- Provided technical guidance and training to internal teams, fostering a culture of knowledge sharing and continuous improvement.
- Documented configurations, processes, and best practices for future reference and compliance.

## IT Administrator

2020 - 2023

- Led the design and implementation of Microsoft Entra Active Directory, enhancing security and access management.
- Successfully migrated over 1000 users to Microsoft 365, improving collaboration and productivity.
- Automated manual processes such as surveys, inventory processing, gate-pass, HR leave requests using Microsoft 365 tools like SharePoint, MS Forms, Power Automate, Power Apps, and Sway for presentations.
- Streamlined deployment processes by implementing CI/CD pipelines that reduced deployment time from 2 hours to 30 minutes and increased weekly releases from 2 to 5.
- Orchestrated containerized microservices using Docker and Kubernetes, while establishing comprehensive system monitoring using Grafana that achieved 90% visibility into performance metrics.

M.P. Shah Hospital | Nairobi, Kenya

2017 - 2020

## IT Administrator

- Participated in the implementation of M365, successfully migrating users to M365.
- Successfully rolled out a Queue Management System, resulting in optimized operations, reduced wait times, and enhanced the customer experience by 80%.
- Provided support and troubleshooting for identity and access management issues.

EVO Business Solutions | Nairobi, Kenya

2015 - 2017

## IT Officer

- Inventory management & documentation.
- Help desk & 1st-level support.
- Configuration of network devices e.g., printers, hand-held devices, desk-phones - AVAYA.
- Structured network cabling management.
- CCTV & access control installation & terminations.
- Preventive maintenance of office equipment & repairs of hardware devices

## EDUCATION

### Inoorero University

2012 - 2014

- Diploma in Information & Communication Technology.
- Certificate in Information & Communication Technology

### Kenya Certificate of Secondary Education (KCSE)

2011

## LICENSE & CERTIFICATIONS

- AWS Solutions Architect Knowledge Badge - Current
- AWS Cloud Practitioner Essentials Badge.
- ITIL® 4 Foundation Certificate in IT Service Management.
- CCNA (Level 1 - 4)

## REFERENCES

### • Mr. Cavine Kebaso

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M-Gas LTD  
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