

MAXWELL MIYA

Cloud, Infrastructure & Security Engineer · Microsoft 365 · Azure · Intune · Defender · Cybersecurity & Automation
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I build and secure the systems businesses run on — and help organisations realise the full value of the technology they already own. My work sits where infrastructure, cloud, security, and automation meet: turning fragmented tools into integrated systems, manual work into automation, and unquantified risk into measurable posture.

CORE EXPERTISE

Cloud & Workplace: Microsoft 365 · Azure · GCP · Google Workspace · SharePoint · Intune · Entra ID · Exchange Online
Security: Sophos XDR · Microsoft Defender / XDR · Conditional Access · IAM · Auth0 · DLP · Purview · EOP · SPF/DKIM/DMARC · Duo
Infrastructure: Windows Server · Active Directory (AD DS, GPO, RDS, Kerberos) · DNS/DHCP · VMware vCenter · Nutanix · Veeam · Cisco · Fortinet · backup & DR
Automation & AI: PowerShell · MS Graph API · Azure REST API · Power Automate · Zapier · Copilot AI agents · JSON · Firebase
Ops & Monitoring: Arctic Wolf MDR · ManageEngine suite · Zabbix · New Relic · Jira Service Desk · ITGlue

PROFESSIONAL EXPERIENCE

- Cloud Infrastructure & Security Engineer · CloudIT Limited

2025 – Present

 - Led an enterprise security-monitoring build for Bamburi Cement — unified Sophos XDR with Cisco Meraki / ISE / Firepower and endpoint telemetry into a single threat-visibility platform; automated user, licence, and device management via MS Graph REST API and PowerShell during bulk M365 migrations.
 - Built Power Automate and Zapier workflows for clients including Gulf African Bank and Weston Hotel, plus Copilot AI agents giving clients on-demand security and infrastructure posture reporting.
- Information Technology Infrastructure Engineer · Ethical Trade Services Africa

2023 – Present

 - Architected a cloud-native Financial Management Platform (GCP, Firebase) replacing spreadsheets with real-time budgeting, automated approvals, and AI forecasting; designed and built an Audit Management Platform for the organisation.
 - Led the M365 modern-workplace and security transformation — Intune, Defender, Conditional Access, SharePoint, and email security (SPF/DKIM/DMARC) across the organisation.
- Systems & Cloud Engineer · Preeminent Technology

2022 – 2024

 - Owned systems, security & escalation across 10 SMB clients (~2,000 users), driving RCA and permanent fixes; reduced access-related risk by 65% and vulnerability exposure by 80% within six months. Managed a 6-host VMware vCenter cluster (200+ VMs) with Veeam backup/DR and the Arctic Wolf / ManageEngine / Duo tool stack.
- IT Infrastructure Consultant · Origen Fresh EPZ

2022 – 2023

 - Designed and delivered a complete greenfield technology foundation (AD, Sophos security, Odoo ERP, VoIP, networking, Google Workspace) at full operational readiness, 15% under budget.
- IT Infrastructure Specialist · Juanco Group

2020 – 2022

 - Modernised infrastructure and integrated AD with Google Workspace via GCDS (~40% admin effort); implemented Sage 200 ERP and HubSpot CRM (~40% reconciliation effort).
- IT Support Specialist · Silentnight Bedding Kenya

2015 – 2020

 - Led IMAP-to-M365 migration and Sage 300 ERP rollout across Kenya and Morocco (100+ users), contributing to a 35% improvement in system availability.

CERTIFICATIONS & EDUCATION

Certifications: Microsoft Azure Administrator Associate (AZ-104) · Sophos Firewall & Endpoint Architect · Proofpoint AI Email Security Specialist · Acronis Cloud Tech Professional (Security, Backup, DR, M365) · M365 Copilot + Agents · New Relic NVF
Education: BSc Business Information Technology — Strathmore University, 2016