PAUL MWANGI

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AI Governance, Risk & Compliance | Cybersecurity & IT Governance

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PROFESSIONAL SUMMARY

IT operations, cybersecurity, and governance professional experienced in identity and access management, policy enforcement, vulnerability remediation, vendor risk review, and secure Microsoft Azure operations. Background includes Entra ID, Intune, Microsoft 365, and endpoint governance across multi-site operations, with audit-ready documentation and controls aligned to NIST CSF, ISO 27001, and PCI DSS. Certified in CompTIA Security+ and Microsoft Azure Fundamentals; completing a B.S. in Artificial Intelligence, AI Development track (4.0 GPA), with NIST AI RMF familiarity and a focus on responsible AI, data protection, and control design.

CORE SKILLS

AI Governance, Risk & Compliance: Responsible AI Governance, AI Risk Management, NIST AI RMF Familiarity, Policy Development, Control Documentation, Audit Readiness, Compliance Alignment, Risk-Based Decision Support, Vendor Risk Review, Secure AI Adoption Planning, Data Protection, Evidence Collection, NIST CSF, ISO 27001, PCI DSS

Cybersecurity & Controls: Vulnerability Management, GVM/OpenVAS, ThreatDown, Nessus, PingCastle, Microsoft Secure Score, Microsoft Defender / EDR, Incident Response, Security Hardening, MFA, Conditional Access, Zero Trust

Identity, Cloud & Endpoint Governance: Microsoft Azure (AZ-900 Certified), Microsoft 365 Administration, Exchange Online, Entra ID / Azure AD, Active Directory, Identity & Access Management, Intune, SCCM, NinjaOne, Endpoint Deployment, Patch Management, Azure Functions, Azure Storage, Cosmos DB, Azure Monitor, Azure DNS

Enterprise Operations & AI Literacy: Windows Server, Ubuntu Linux, Kali Linux, SonicWall Firewalls, Meraki, SSL VPN, VMware, Hyper-V, PowerShell, Backup & Recovery, Jira, ServiceNow, Python, Microsoft Copilot, OpenAI API, Cursor, Claude Code, Codex, TypeScript, Next.js, React, REST APIs, PostgreSQL, Prisma, Git/GitHub

CERTIFICATIONS

CompTIA Security+ ce | Issued June 2025 - Active through June 2028
Microsoft Certified: Azure Fundamentals (AZ-900) | Issued July 2026

PROFESSIONAL EXPERIENCE

Information Technology Administrator | Finch Turf | Eldersburg, MD | *December 2025 - Present*

- Administer Entra ID, Microsoft 365, and Exchange Online and manage deployment of 300+ endpoints through NinjaOne, keeping 200 users across nine locations productive through secure access and issue resolution.
- Run monthly GVM/OpenVAS and ThreatDown assessments, analyze findings, and drive vulnerability remediation to reduce risk across nine locations.
- Audit Active Directory and Microsoft 365 with PingCastle, PowerShell, and Microsoft Secure Score to prioritize hardening and document control gaps.
- Patch firewalls, Meraki switches, Ubuntu servers, and Kali systems; review connected devices and maintain configuration backups to strengthen resilience and recovery readiness.
- Review Microsoft 365, NinjaOne, and ThreatDown license utilization and coordinate procurement, vendor risk reviews, and hardware/software lifecycles to improve cost visibility and technology governance.

Director of Information Technology | Fawn Industries | Timonium, MD | *March 2021 - July 2025*

- Directed IT operations and a risk-based roadmap for a 100-user hybrid environment, standardizing endpoints and modernizing infrastructure to strengthen reliability, access security, and data protection.
- Implemented Zero Trust, MFA, and cloud and on-premises access controls to enforce policy and strengthen identity governance.
- Led vulnerability management and incident response, improving detection, containment, remediation, recovery, and evidence documentation.
- Established IT governance policies aligned with NIST CSF and ISO 27001, supporting PCI DSS audit readiness and consistent compliance practices.
- Managed vendor contracts, licensing, procurement, and hardware lifecycles; coordinated backup validation and recovery simulations with senior leadership to guide technology spending and business continuity.

System Administrator | Fawn Industries | Timonium, MD | *March 2020 - March 2021*

- Maintained Windows Server, VMware, and SAN infrastructure above 99.9% uptime; scripted PowerShell/Bash health checks and log collection to support monitoring evidence and centralized analysis.
- Scanned systems monthly with Nessus and deployed emergency patches, closing high-risk vulnerabilities within 72 hours on average.
- Enforced SonicWall NGFW and SSL VPN policies, including geo-IP blocking and advanced threat protection, to secure remote access.
- Standardized SCCM/Intune imaging with EDR agents and baseline GPOs, cutting device build time by 40% and applying repeatable controls to provisioning and onboarding.

IT Service Desk Analyst | Erickson Senior Living | Catonsville, MD | *April 2019 - March 2020*

- Resolved 50-70 daily identity, access, application, hardware, and performance tickets across 21 sites for a 10,000+ employee environment.
- Processed access provisioning for Active Directory, Okta SSO, Workday, Salesforce, RemedyForce, and eClinicalWorks, following MFA, least-privilege, HIPAA-aware, and audit-ready practices.
- Met 98% of SLA targets with ITIL-based incident triage and timely escalation of security events to infrastructure, application, and SOC teams.
- Created knowledge base articles and recurring-issue documentation that reduced repeat tickets by 18%; assisted with outage response, user communication, and controlled escalation.

IT Desktop Support | Erickson Senior Living | Catonsville, MD | *March 2019 - April 2019*

- Deployed 300+ Windows 10 devices on a TEKsystems assignment, configuring encrypted drives and secure BIOS settings to meet documented PCI DSS build standards.
- Verified network segmentation, printer ACLs, GPO inheritance, and endpoint readiness; sanitized and decommissioned legacy hardware using NIST 800-88 practices.
- Tracked device deployments, legacy hardware staging, post-upgrade support, and asset records with IT asset management to maintain lifecycle visibility.

Imaging and Production Technician (Summer) | Daly Computers | Frederick, MD | *May 2017 - August 2017*

- Configured Windows 10 images with MDT and SCCM on a TEKsystems assignment for repeatable deployments across Baltimore County and City Public Schools.
- Installed educational software, verified licensing and connectivity, and QA-tested OS, driver, and security configurations to prepare hundreds of laptops and desktops for rollout.
- Documented imaging procedures, hardware configurations, deployment schedules, and troubleshooting issues to make deployment workflows consistent and repeatable.

EDUCATION

University of Maryland, Global Campus | B.S. in Artificial Intelligence, AI Development Track | Expected May 2027 | GPA: 4.0

Honors: Dean's List, Spring 2026 and Summer 2026

Recognition: The National Society of Leadership and Success (NSLS) | Inducted Member, November 2026
Foundations of Leadership Certificate | November 2026

New Town High School | High School Diploma | 2013