

WES ELLIS

Senior Systems Engineer

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SUMMARY

Senior Systems Engineer with 20+ years in enterprise IT, focused on Microsoft endpoint management, identity and cloud. Led a 22,000-device Windows 7 to 10 migration, kept an 8,200-device fleet at 95% compliance, and automates repetitive work with PowerShell. Currently on AHEAD's Microsoft managed services team, supporting enterprise clients across Microsoft 365, Entra ID, Intune and Azure. Founder of G8KEPR, a runtime security layer for AI apps, APIs and MCP servers.

EXPERIENCE

Senior Systems Engineer

2025 – Present

AHEAD · Remote

Microsoft managed services engineer supporting enterprise clients across Microsoft 365, Entra ID, Intune and Azure.

- Troubleshoot and resolve escalated Microsoft 365, Entra ID, Intune and Azure issues
- Root-cause analysis so problems stay fixed, not just cleared
- Work across a wide range of client environments and configurations

System Engineer III

Sep 2019 – Nov 2025

CompuCom · Remote

Lead systems engineer for 8,200+ devices at a consistent 95% compliance rate. Device management, cloud migration (Azure, MEM, Intune) and security.

- Moved the fleet forward to Windows 10 21H2
- Built out device management with Intune, MEM, PowerShell, Hyper-V and Power BI
- Owned patching and endpoint protection
- Automated the repetitive work so people didn't have to do it by hand

System Engineer

Nov 2018 – Sep 2019

CarMax · Richmond, VA

Led the enterprise-wide Windows 7 to 10 migration: 22,000+ devices across locations nationwide.

- Automated driver and app installs with KACE and PowerShell
- Kept the departmental migrations on budget
- Trained and supported people through the switch

Technical Support Team Lead

Jul 2014 – Nov 2018

General Dynamics (DXC) · Falls Church, VA

Led IT support operations and the Windows 10 implementation, with system administration for critical infrastructure.

- Directed the organization-wide Windows 10 rollout
- Administered KACE, Dell NetWorker and Citrix
- Worked directly with clients and across departments

Senior Desktop Engineer

Oct 2011 – Jul 2014

General Dynamics (CSC) · Charlottesville, VA

Server and network administration with a focus on data protection and keeping systems running.

- Backups with Arcserve and NetWorker
- Moved the phones over to Cisco CUCM
- Kept Kofax 10 and Epicor running
- Looked after the security camera system

EARLIER EXPERIENCE

- **Desktop Field Technician**, General Dynamics (CSC), Charlottesville, VA (2007 – 2011)
- **Tech Support Specialist III**, GE Fanuc, Charlottesville, VA (2004 – 2007)
- **Migration Specialist & Facilities IT Lead**, Northrop Grumman, Charlottesville, VA (2002 – 2004)
- **Low-voltage cabling**, independent contractor, Virginia (Late '90s)

SKILLS

Endpoint & device management

Microsoft Intune, SCCM / MECM, Dell KACE, Windows Autopilot, Windows 10/11 migrations, Group Policy, Jamf, AirWatch, Hyper-V, Citrix

Security & compliance

Defender for Endpoint, Patch management, Attack surface reduction, RBAC, Security audits, Secure Boot, Threat detection & response

Data & machine learning

Azure Machine Learning, Automated ML, Data pipelines, Model deployment, Anomaly detection

Identity & cloud

Entra ID (Azure AD), Active Directory, Microsoft 365, Azure compute & storage, Azure Key Vault, Azure DevOps, Microsoft Graph, Cloud migration

Automation & code

PowerShell, Microsoft Graph API, REST APIs, Batch scripting, Eleventy, HTML / CSS / JavaScript

Operations

Systems engineering, Enterprise migrations, Network administration, Backup & recovery, Service desk leadership, Technical documentation, IT strategic planning, User training, Power BI reporting, Cisco CUCM, Kofax & Epicor, Capella / Fujitsu print & scan

PROJECTS

G8KEPR · Founder · g8kepr.com

A runtime security layer for AI apps: API, MCP, gateway and model-output checks on one request plane, self-hosted inside the customer's own VPC. Designed and built end to end.

Script Library · wesellis.com · wesellis.com/tech/scripts/

74 documented PowerShell scripts for endpoint, identity and Azure administration, each explained and downloadable.