

Alex Ranes

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Professional Summary

Senior Systems Engineer with over 9 years of experience designing, automating, and securing enterprise infrastructure across Windows, Linux, and cloud environments. Proven success leading large-scale IT integrations, SaaS migrations, and automation initiatives. Adept at architecting resilient systems, scripting large-scale automation, and driving modernization across distributed organizations. Holds Top Secret Clearance, Security+, and Red Hat Linux certification.

Technical Skills

Systems & Cloud: Windows Server, Red Hat Enterprise Linux (RHEL), Microsoft Azure, Microsoft Fabric, VMware, Citrix

Security & Compliance: Intune, Conditional Access, Defender for Endpoint, STIG/SCAP, MFA, Group Policy

Automation & Scripting: PowerShell, Azure Automation, Power Automate, Service Principals, RMM (Kaseya VSA X)

Networking: Cisco switches, firewalls, VPNs, DNS/DHCP, LAN/WAN management

Tools & Platforms: Active Directory, Entra ID, Microsoft 365, SQL Server, Exchange, Purview, Office Suite

Professional Experience

Senior Systems Engineer — Rimon Law

Mar 2021 – Present | Promoted 2024

- Designed and implemented a **fully automated user onboarding system** integrating *PowerShell, Python, Microsoft Entra ID, and RingCentral API* to create accounts, assign licenses, and provision phone numbers—cutting onboarding time by over 80%.
- Lead all **IT integrations and infrastructure onboarding** for acquired law firms—completed 2 of 4 integrations in record time, deploying Intune, Conditional Access, and Defender for Endpoint across independent domains.

- Architected and enforced **enterprise security compliance** across multiple tenant environments without domain consolidation, aligning disparate infrastructures with unified IT and cybersecurity standards.
- Designed and deployed an **internal RMM platform** using *Kaseya VSA X*, authoring a full library of PowerShell scripts for onboarding automation, compliance enforcement, and help-desk remediation.
- **Developed and automated Microsoft Fabric Data Lake infrastructure**, establishing the Fabric environment, managing service principals for access control, and automating data synchronization.
 - Wrote PowerShell runbooks in **Azure Automation** and integrated **Power Automate** workflows to maintain real-time consistency between Entra ID, billing, and time-tracking systems across all firms.
- Serve as a **Tier 2/3 escalation and technical authority**, mentoring junior engineers and leading modernization of legacy desktop applications to cloud-based SaaS platforms.

Field Services Technician — Perspecta

Apr 2020 – Mar 2021

- Supported all IT assets on the Navy's NMCI network, managing accounts via Active Directory and migrating users to O365.
- Delivered hardware/software support, iOS device configuration, and VIP technical assistance for senior Navy personnel.

System Administrator — Northrop Grumman

Apr 2019 – Apr 2020

- Managed 6 Windows domains and 1 RHEL HPC environment, rebuilding all physical domains into VMs for improved backup and DR.
- Conducted STIG and SCAP compliance scans, applied security patches, and managed Cisco switches and firewalls.
- Led new **data center build-out**, overseeing HVAC, power, and physical security infrastructure.

Information Systems Technician (IT) — U.S. Navy

2015 – 2019

- Supervised 8-person communications team as **Communications Watch Officer** aboard USS Lassen.
 - Led full LAN migration (10 Windows servers, 150+ workstations), earning the **Navy/Marine Corps Achievement Medal**.
 - Administered routers/switches, rebuilt SQL servers, and implemented new maintenance tracking reducing hardware loss by 10%.
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Education

- U.S. Navy Information Systems Technician Training — 760 hours
 - Integrated Shipboard Network Systems School — 200 hours
 - Automated Digital Networking System (ADNS) — 120 hours
 - State College Coursework in Criminal Justice — 60 semester units
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Certifications

- CompTIA Security+ (2020)
- Red Hat Certified System Administrator (2019)
- Certified Battle Force Tactical Network SME (2017)
- CompTIA A+ (2015, superseded by Security+)