

Hamil Dimapanat

Systems Administrator

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Education

BS **State University of New York at New Paltz**, Computer Science Completed - 2023

Certifications

AWS Certified Cloud Practitioner [🔗](#) Mar 2024

CompTIA Security+ SY0-701 [🔗](#) Dec 2024

Cisco CCNA In Progress

Experience

BAE Systems, Systems Administrator U.S. Air Force Research Lab
Rome, NY
March 2025 - Present

- Administer VMware ESXi/vCenter clusters on Dell PowerEdge servers across classified DoD networks.
- Perform VM provisioning, migration (vMotion), resource allocation, snapshots, and lifecycle management.
- Enforce DISA STIG compliance for Windows Server 2019/2022 and RHEL 9; apply system hardening baselines.
- Automate patching, configuration, and compliance with Ansible, PowerShell, Bash, Python.
- Conduct functional testing of systems after patching, upgrades, and application deployments.
- Configure and troubleshoot subnets, VLANs, ACLs, and firewall rules in secure environments.
- Perform hardware diagnostics, firmware upgrades, and server maintenance.
- Support cross-team integration testing for software, security updates, and mission applications.

Mount Sinai Health System, IT Desktop Support Specialist New York, NY
August 2024 - March 2025

- Supported 300+ end users with ServiceNow, imaging, VoIP, and AV (Zoom, Poly, Crestron).
- Managed IAM via SailPoint, handling provisioning, de-provisioning, and access reviews.
- Administered Google Workspace, SharePoint, Moodle LMS, Echo360, and Zoom platforms.

SUNY New Paltz TicketSense, Capstone Project New Paltz, NY
Jan 2023 - May 2023

- Built a machine learning classifier using Python + SQL on 10,000+ data points.
- Deployed via Flask on Heroku, integrating a user-friendly web dashboard.

Projects & Labs

Proxmox VE Lab - (Ansible, ESXi, vCenter, vSphere Client) github.com/hvmil [🔗](#)

- Managed VM lifecycles, snapshots, and cluster resource allocation.
- Implemented vMotion, HA, FT, and DRS to optimize availability and load balancing.

Infrastructure as Code (IaC) Automation - (Ansible, ESXi, CentOS, Fedora, Windows Server) [Ansible Repository](#) [🔗](#)

- Authored playbooks for Linux Windows hardening (NIST, DISA STIG compliance).
- Automated Active Directory provisioning, GPO management, and patch deployment.

CCNA Packet Tracer Lab

- Configured Cisco routers, switches, firewalls and VLANs using Cisco IOS.

Technologies

Languages/Scripting: Python, Bash, Powershell, JavaScript/TS

Databases & Tools: Ansible, SQL, MongoDB, React, Node.js, Flask