

# 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**    Expected-June 2025

## Experience

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

- Provide system admin support to Air Force environments using VMware.
- Automate patching and configuration with PowerShell, Python, Ansible, and Bash.
- Troubleshoot Windows and Linux servers, apply security updates, and maintain system hardening.
- Collaborate with cross-functional teams for application deployments, testing, and demonstrations.

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

- Support 300+ users via ServiceNow, reimage Windows PCs, and manage AV (Poly, Zoom, Crestron).
- Handle VoIPs, laptops, printers, and mobile devices; manage IAM with SailPoint
- Administered Google Workspace, SharePoint, Moodle LMS, Echo360, and Zoom.

**Code Nation**, Web Development TA    New York, NY  
August 2023 - Dec 2023

- Taught HTML, CSS, JavaScript, and React through hands-on projects for middle school students.

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

- Used Python and SQL to train a classifier on 10,000+ data points; deployed via Flask on Heroku.

## Projects & Labs

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

- Administered and maintained ESXi hosts and vCenter Server, managing VM lifecycles, snapshots, and resource allocation across multiple environments.
- Implemented vMotion, High Availability (HA), Fault Tolerance, and Distributed Resource Scheduler (DRS) to optimize uptime, enable load balancing, and enhance system resilience.

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

- Created Ansible playbooks to configure Linux/Windows servers (NIST, DISA STIG).

**VMware Microsoft Windows Server 2019**

- Deployed AD Domain, automated user account creation, managed GPOs.

**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