

CONNOR E. JAY

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CERTIFICATIONS & SKILLS

Certifications: Cisco CCNP Enterprise (in progress), Cisco CCNA, CompTIA A+, OSHA General Industry Safety

Skills: Active Directory, Group Policy, Cisco, Azure, VMware, Proxmox VE, Hyper-V, Red Hat Linux, DHCP, DNS

PROFESSIONAL EXPERIENCE

Systems Engineer

Datalyst LLC

Lakeville, MA

March 2026 - Present

- Implemented crucial services to better assist customer needs e.g. Azure AD Sync, Microsoft 365 Lighthouse.
- Managed customers' Active Directory, DHCP, DNS, Entra ID, VMware & Hyper-V environments.
- Executed the provisioning, migration, and consolidation of customer servers, maximizing hardware efficiency.
- Implemented on-site backup systems & performed data recovery on request via the Datto Partner Portal.
- Standardized implementation procedures & documentation for the Support Desk & Engineering team to use.

Solutions Engineer

Simpleroute

Colchester, VT

March 2025 – November 2025

- Configured & supported enterprise infrastructure e.g. servers, switches & firewalls for our managed clients.
- Deployed an automated mapping tool for client networks, integrated with SNMPv3, AD & ESXi hosts.
- Managed & applied customer product licenses within the Microsoft, Google & Adobe Administrator Centers.
- Automated customer backups & performed file restores when requested through Veeam Backup Console.

Network Systems Engineer

Senator Leahy Center for Digital Forensics & Cybersecurity

Burlington, VT

September 2023 – March 2025

- Oversaw a 10-host VMware ESXi cluster providing 200+ VMs within a post-secondary education setting.
- Directly managed multiple CentOS Stream 9 servers hosting mission-critical SQL databases & websites.
- Automated updates & security patches for Windows, Debian, & Red Hat Linux workstations via NinjaOne.
- Mentored junior team members in maintaining our Active Directory, VMWare ESXi cluster, & Linux servers.

PROJECTS

100GbE RoCEv2 Virtualization Fabric

Blue View

East Sandwich, MA

June 2026 – Present

- Building a Proxmox cluster with RoCEv2 network fabric, using Slurm for high-throughput batch-scheduling.
- Provisioned dormant LACP port-channels to accommodate future hosts with zero configuration required.
- Documenting latency benchmarks & decisions about the implementation within my public technical journal.

EDUCATION

Bachelor of Science in Computer Networking & Cybersecurity

Champlain College

Burlington, VT

Graduated May 2026

- Graduated a full year ahead thanks to transferred course credits from MC3 & the University of Pennsylvania.
- NET-499 - Specialized course for the Cisco ENCOR exam & building key skills to become a high-achiever.