

Daniel J. Lee Software Integration Engineer | B.S. I.T. | Active Secret Clearance

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Centreville, VA 20121

Skills & Experience:

- Systems integration and administration: RHEL 7&8, CentOS Linux, Fedora Linux, Debian-based Linux, auto-installations (Kickstart), SystemD, RPM package management, networking.
- Python: scripting, object oriented programming, algorithms.
- Virtualization: QEMU/KVM, PCI passthrough, PXE boot, Docker.
- Bash: scripting, TUI development, operations.
- Networking: Cisco IOS, Arista EOS, architecting and VLAN provisioning.
- CI/CD: Jenkins, GitHub, GitLab.
- Source control and collaboration: Git, Subversion, JIRA, Redmine, MS Teams.

Work History:

Progeny Systems Corporation- (Full Time)

March 2021 - Present

Linux Software Integration Engineer

Manassas, VA

- Developed and maintained a custom CentOS 8 kickstart for one of the software test team's machines. Baked in classified software, network configurations, and PCI kernel modules to work by default.
- Developed and maintained the main production server's rescue mode TUI written in Bash. End users are able to install security certificates, modules, documentation, and network switch configurations with scripted menu options.
- Created and maintained several Jenkins jobs to automatically test, build, and install custom RHEL servers for the virtual lab environment and stand alone ISOs.
- Currently helping the development and maintenance of an extensible hardware test suite using Python, Ansible, Docker containers, Cisco and Arista switches. It is designed to scrape and return system and environmental data of several varieties of military-grade server cabinets.

AbleVets LLC / Cerner Corporation - (Internship)

June 2020 – August 2020

DevOps Engineer Intern

Chantilly, VA

- Contributed to the team's CI/CD pipeline in Jenkins by implementing unit tests and integration scripts.
- Developed a date algorithm that outputs current sprint dates to name archive files.
- Familiarized with containerization, Ansible, and Linux systems administration.

U.S. Marine Corps - (Reserves)

July 2015 – Present

Radio Supervisor / Sergeant (E-5)

Washington, D.C.

Education:

George Mason University

Bachelor of Science in Information Technology (2016-2020)

Capstone: Modified/maintained a Time/Invoice tracker with PHP, Docker, and Linux servers.