

Jacob Thurman

Location: Groton, CT

Contact: 860.885.8878 | Email: jthurm11@gmail.com | LinkedIn: www.linkedin.com/in/jthurm11

Summary

Self-motivated and highly efficient IT leader with a proven track record in military and civilian roles. After 5 years in the Navy, I transitioned to a full-time career while concurrently pursuing a Bachelor's degree, demonstrating exceptional time management and dedication. 9+ years of hands-on experience in Linux administration, network management, virtualization, and 1+ years experience in project management. Known for delivering results and advancing rapidly through roles due to a diverse skill set and dedication to continuous improvement. Seeking a full-time, permanent position.

Professional Experience**Deputy Program Manager Engineering / Chief Engineer**

General Dynamics Mission Systems, Fairfax, VA

November 2022 - Present

- Lead a team of 15-25 software engineers and logistics staff for DoD projects developing modernization training systems for USN and RAN fleets.
- Architect and build customized bare metal platforms hosting multiple 3rd-party software suites in virtualized environments.
- Manage project scheduling, tasking, and risk management processes.
- Serve as technical point of contact in internal and external (customer) meetings.
- Develop ROMs and materials lists, improving training platforms to meet customer requirements.
- Present project status and performance updates to upper management through detailed presentations.
- Mentor and train team members, fostering a culture of continuous learning.
- Lead goal-setting initiatives by assigning program and individual goals to align with project objectives and timelines.

Product Manager / Systems Technical Lead

General Dynamics Mission Systems, Fairfax, VA

April 2021 - November 2022

- Led tasks related to software development, hardware testing, integration, documentation, software demonstrations, and technical drawings.
- Travel to customer sites, leading teams for system installations and surveys.

- Coordinated with industry partners to integrate applications into platforms within delivery timelines.
- Developed procedures, technical drawings, and applications enhancing platform capability.
- Created an emergency system power-off utility using Bash for system management.
- Tested system software functionality and conducted final testing prior to delivery.

Software Integration Lead

General Dynamics Mission Systems, Fairfax, VA

December 2019 - April 2021

- Developed, installed, and managed clusters of Linux servers and networking equipment for custom-built virtualization platforms.
- Managed and updated core server and network infrastructure to ensure secure, collaborative production systems.
- Redesigned scripts managing virtual machine lifecycle to improve performance and collaboration.
- Integrated deployed software into custom operating environments, troubleshooting and debugging issues.
- Hardened Linux and Windows systems using STIGs.
- Received President's Award for exceptional performance and dedication during challenging periods, including the COVID-19 pandemic.

Hardware / Test Engineer

Rite-Solutions, Inc., Groton, CT

November 2015 - December 2019

- Served as Subject Matter Expert for operation and maintenance of Modernization Systems trainer.
- Designed and deployed Linux-based infrastructure for centralized database servers, software and hardware testing utilities, and collaboration tools.
- Troubleshoot system issues, managed Cisco and HP network switches, and developed internal utilities with Bash for system automation.
- Recognized with the "Heavy Hitter" award for resolving a critical system issue, ensuring mission-critical systems were operational.

Military Experience

Sonar Technician Submarines

US Navy, Groton, CT

January 2009 - January 2014

- Qualified Sonar Supervisor managing 20 sailors, daily tasking, and reporting to senior leadership.

- Managed tactical acoustic systems and maintained the ship's calibration program.
 - Led departmental training on tactical operations, naval intelligence, and maintenance tasks.
 - Conducted SCUBA diving operations to inspect submarine safety and perform repairs.
 - Qualified QA Supervisor ensuring adherence to standards and performance excellence.
-

Education

Bachelor of Science in Computer Information Systems (Networking Focus)

Post University, Waterbury, CT

Graduated Summa Cum Laude, August 2018

Skill Areas

- Program Management (Schedule, Technical and Risk Management)
- Linux, Windows Administration (CentOS, Red Hat, Debian, Fedora, Ubuntu)
- Networking (Cisco, HP, Arista, Palo Alto)
- Virtualization (Docker, Podman, KVM, VMware)
- Systems Engineering
- Quality Assurance (SUBSAFE)
- Agile Methodologies
- Software Development (Bash, Python, SQL, SQLite)
- Jira, Git, Bitbucket, Confluence, Appian
- PowerShell, Active Directory
- Cybersecurity (STIGs, NIST)