

Megan Talley

DevSecOps Engineer



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<https://github.com/MeganLynTalley>

TECHNOLOGIES

Source Control

Git, Bitbucket, GitHub, GitLab

Build and Artifact Management

Maven, Artifactory, SonarQube, Harbor

CI/CD

Jenkins, GitLab CI/CD

Languages

Java, Bash, Python

Containers and Orchestration

Docker, Kubernetes, Helm

Virtualization

VMware, AWS

Infrastructure Management

SaltStack, Terraform, Ansible

Software-Defined Networking

NSO, Paragon

CERTIFICATIONS

AWS Certified Cloud Practitioner, 2021

CompTIA Security+, 2022

Terraform Certified Associate, 2023

EDUCATION

Master of Science / Physics, 2015

University of Massachusetts, Amherst

Amherst, MA

Bachelor of Science / Applied Physics, 2013

Christopher Newport University

Newport News, VA

PROFILE

DevSecOps Engineer with experience designing build, deployment, infrastructure, and network automation for on-premise and cloud-hosted architectures.

EXPERIENCE

DevSecOps Lead, DAn Solutions, April 2022 – Present

As a DevSecOps Engineer with DAn Solutions, I architect and implement modern software solutions to help clients revitalize their infrastructure.

- Architected DevSecOps pipelines to deploy and maintain software-defined networks and security appliances
- Led a cross-functional team of engineers in building greenfield environments through software-defined infrastructure
- Worked with COTS vendors to integrate enterprise software in air-gapped environments

Senior DevOps Consultant, Coveros, June 2021 – April, 2022

As a Senior DevOps Consultant with Coveros, I advised and assisted clients in implementing and maintaining leading-edge technologies to provide highly available architecture for SAAS offerings.

- Designed and orchestrated multiple Terraform projects to create and maintain AWS infrastructure and manage IAM policies
- Redressed stability and responsiveness issues in a cluster-based Harbor installation, and advised on methods to improve deployment to meet reliability requirements
- Assisted in the maintenance and triage of Kubernetes clusters

Release and DevOps Engineer, Exostar, August 2016 – June 2021

As a Release and DevOps Engineer at Exostar, I was responsible for architecting, building, and maintaining CI/CD pipelines for IAM platforms. I worked closely with the development team to identify and resolve build and deployment errors, and participated in prototyping, developing, and deploying Exostar's Kubernetes-based platform.

- Architected fully automated cluster-based build and deployment pipelines that increased deployment throughput 300x
- Deployed and supported tools such as Artifactory, SonarQube, Harbor, and Octopus Deploy

Research and Teaching Assistant, University of Massachusetts Amherst, September 2013 – May 2015

As a teaching and research assistant at the University of Massachusetts, I researched and taught complex scientific principles to a diverse audience.

- Collaborated with an international research team at CERN to perform large-scale data analysis