

Megan Talley

DevOps Engineer



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<https://github.com/MeganLynTalley>

TECHNOLOGIES

Source Control

Git, Bitbucket, GitHub, GitLab

Build and Artifact Management

Maven, npm, Artifactory, SonarQube, Harbor

Continuous Integration/Continuous Delivery

Jenkins, GitLab CI/CD

Languages

Java, Bash, Python

Containers and Orchestration

Docker, Kubernetes, Helm

Virtualization and OS

VMware, Windows, Ubuntu Linux

Cloud Services

AWS

Infrastructure Management

SaltStack, Terraform

CERTIFICATIONS

AWS Certified Cloud Practitioner, 2021

CompTIA Security+, 2022

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

DevOps Engineer with 6 years of experience designing build, deployment, and infrastructure automation for on-premise and cloud-hosted architectures.

EXPERIENCE

DevOps Engineer, DAn Solutions, April 2022 – Present

As a DevOps Engineer with DAn Solutions, I recommend and implement modern technology solutions for government clients.

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.

- Architected and coordinated 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 Bamboo 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 build tools such as Artifactory, SonarQube, Harbor, and Octopus Deploy
- Coordinated with the QA team to integrate automated regression tests into the deployment pipeline
- Migrated legacy software to Docker containers
- Participated in the architecture, development, deployment, and administration of a Kubernetes platform
- Architected container promotion through five Kubernetes clusters

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