

Troy Robinson

DevOps Engineer

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SUMMARY

Goal-orientated DevOps Engineer who has a proven track record of leveraging Cloud, Linux, and automation skills to deliver objectives in a cost-effective and robust manner. Enjoys documenting solutions in order to help teams operate more effectively. Employs an always learning mindset and with a passion for gaining new skills by tackling complex and challenging projects. Possesses a Master's degree in Computer Engineering and Bachelor's degree in Computer Engineering.

RELEVANT EXPERIENCE

CACI International Inc Sarasota, Florida

DevOps Engineer; May 2022 - Present

- Create and maintain AWS Cloudformation based pipeline to automatically create RHEL9 STIG'ed Linux AWS EC2 images using Bash and Python scripts for use in dev, test, and production environments
- Work with Software Engineering team to create VDI Cloudformation template for their use
- Design and implement blue-green deployment in Jenkins pipelines for team of 50 developers
- Utilize AWS Landing Zone Accelerator IaC solution to manage AWS VPC, AWS Organizations, and EC2 instance networking across multiple projects with over 400 users
- Manage AWS Directory Services Active Directory domain with proper password security settings and developed automated password reset email reminder script in PowerShell.
- Troubleshoot and fix a broad range of problems encompassing XRDP, AWS Cloudformation, SSSD, S3 and IAM permissions, AWS CLI, database connectivity, Jenkins CI/CD

Software Engineering Intern; December 2019-May 2022;

- Perform troubleshooting on a broad range of sensors and microcomputers in the field
- Implement an electrical load monitoring system that connects to existing hardware
- Design a TCP/IP Listener for secure file transfer and encoding in Java
- Create presentations for leadership to review project progress and design

CERTIFICATIONS

- AWS Solutions Architect - Associate; issued March 2, 2023
- CompTIA Security+; issued May 27th, 2022
- CompTIA Network+; issued July 21, 2022
- Certified Kubernetes Administrator; issued November 9, 2024
- AWS SysOps Administrator - Associate; Studying currently

EDUCATION

Florida International University, Fort Lauderdale, Florida

Master of Science in Computer Engineering, Graduation: June 2024

Focus in Network Security

Florida Polytechnic University, Lakeland, Florida

Bachelor of Science in Computer Engineering, Graduation: May 2022

Focus in Machine Learning

PROJECTS

Cloud-based Resume Hosting Website

- Feel free to visit <https://troy-robinson-resume.com> and find a copy of this resume and website architecture diagram