James M. Conroy

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DevOps Engineer with **active security clearance** and 3+ years of experience specializing in automation and testing infrastructure. Led development of multi-architecture testing frameworks and package management solutions for air-gapped environments. Proven track record of reducing development friction and leading technical teams in government contract space.

TECHNICAL SKILLS

Infrastructure & Cloud:	Docker/Podman, Terraform/OpenTofu, Linux, Ansible
Programming Languages:	Python, Go, C, POSIX Shell/BASH, MAKE
DevOps & CI/CD:	Git, GitHub, GitLab, GitLab CI/CD
Package Management:	PyPI, Ubuntu, Debian, Kali, CentOS, Fedora, Rust, Nim

WORK EXPERIENCE

Def-Logix   **Jun 2021 – Present**
DevOps Engineer III   *Jun 2023 – Present*

- Led cross-functional team (3 direct reports plus additional developers on loan from other teams) in designing and implementing e2e test framework
- Architected scalable testing infrastructure using Python and Go, supporting 25+ OS/CPU architecture combinations
- Optimized test execution environment using Ansible and Terraform, reducing iteration time from 12+ minutes to 3 minutes
- Introduced ensemble programming practices, improving team problem-solving capabilities and knowledge transfer

DevOps Engineer II   *Jan 2022 – Jun 2023*

- Architected and maintained air-gapped package repository system serving 30-40 developers across several development teams
- Streamlined secure dependency management by implementing local mirrors of PyPI, Linux distributions, and language-specific repositories, reducing environment setup time from days to minutes
- Initiated and led technical brown bag sessions to promote knowledge sharing across development teams
- Reduced dependency-related support tickets from 8+ monthly to 6 annually
- Improved code quality through implementation of automated linting and testing processes
- Implemented SAST pipeline integration across all product repositories, automating security findings into project backlogs
- Standardized CI/CD pipelines, resulting in more predictable and reliable releases

DevOps Engineer I   *Jun 2021 – Jan 2022*

- Designed and implemented automated infrastructure deployment solutions
- Streamlined deployment processes by refactoring complex Makefiles and build dependencies
- Developed tools for configuration management and deployment automation in air-gapped environment

Cigna   **Oct 2019 – Jun 2021**
Associate System Analyst

- Triage and resolve IT tickets in response to monitoring and reported issues
- Automated incident response processes, reducing manual intervention time
- Developed and maintained Standard Operating Procedures for incident management

EDUCATION & ACHIVEMENTS

Bachelor of Science, Computer Science, The Catholic University of America	*May 2019*
Eagle Scout, Boy Scouts of America	*Oct 2012*