

Ray Tunacao

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SUMMARY

A skilled DevOps Engineer with extensive experience in designing and optimizing scalable CI/CD pipelines and infrastructure, focused on delivering efficient, reliable and reusable workflows. Proficient in tools such as GitHub, Jenkins, Nexus, SonarQube, and Qualys to ensure high code quality, security compliance, and rapid deployments. Experienced in Infrastructure as Code using Terraform and Ansible Tower to enable consistent, repeatable provisioning across hybrid environments like on-prem VM, OpenShift, and AWS. Adept at integrating automated testing, security scanning, and code analysis into end-to-end pipelines to reduce risk and drive continuous improvement. Brings strong collaboration, problem-solving skills, and an automation-first mindset to build secure, resilient, and high-performing systems aligned with DevSecOps best practices. As system analysts have long-standing experience on translating business needs into technical requirements, ensuring that systems, workflows, and solutions align with organizational goals.

SKILLS & CERTIFICATIONS

- **Technical Skills:** Scripting and Coding Languages: Bash/Shell, Batch, PowerShell, Groovy, yaml/json, JavaScript, Java, VB/.NET, Python, C/C++ , PL/SQL • CICD: GitHub, Jenkins, GitLab • Automation Tools: Terraform, Ansible • Containers: Docker, Podman, Kubernetes, OpenShift • Automated Testing: Selenium, Unit Test • SonarQube, Qualys, Splunk • Databases: Oracle, MS SQL, Access, MySQL, MongoDB
- **Certification:** Certified SAFe Practitioner
- **Clearance:** Active MBI – Public Trust

WORK EXPERIENCE

MAXIMUS

Remote

IT Lead Engineer/Senior DevOps Engineer

March 2022 - Present

- Support different IRS teams like Platform Engineering, Enterprise Operations and Application Development groups onboard to CICD to make sure pipelines are working.
- Implemented and supported systems integration IRS approved tools like: Rational Tools, Endevor, Git/GitHub, SonarQube, Nexus, Ansible, Service Now, Terraform, HashiCorp, Conjur, OpenText Load Runner, AppDynamics, Splunk, Vaults (CyberArk/Conjur and HashiCorp) and Qualys.
- Supported migration and conversion of Jenkins pipeline to GitHub action, from groovy to GitHub actions/workflows
- Developed, maintain and support scripts in bash/shell for Ansible playbook, GitHub actions and workflows for CICD pipelines, and automated delivery of applications on-prem (Linux/Unix/Solaris, Windows), container (OpenShift) and cloud (AWS – Treasury Cloud).
- Develop scripts/reusable libraries for CICD tools installation and configuration such as Ant, Maven, RedHat Migration Toolkit, Python, Node JS, NPM, Sonar Scanner and GCC.
- Exposure and support on writing Ansible and Terraform playbooks, creating Docker files and automating image creation.
- Supported on EWM/Rational Tools migration to JIRA, JIRA integration with developer's IDE like VSC and Eclipse, JIRA integration with SonarQube DCE and GitHub.
- Manage and supported configuration of GitHub runners including self-hosted runners

CITIZANT

Remote

DevOps Engineer/System Analyst

January 2016 – March 2022

- Develop scripts using (Ansible, WLST, JBoss CLI, bash/shell) for automated server build process, installation, configuration and upgrade of software, security and server patch to meet/exceed requirements and prepare for horizontal scalability.
- Maintain and supported CICD infrastructure for Linux & Windows platform, and CICD pipelines in Jenkins for scaled build environment
- Lead initiatives with a focus on enabling teams to drive running CICD systems and technical operations. Understanding network topology and technologies such as firewalls, load-balancers, DNS, VPN, and NAT
- Supports CADE2 SAT Enterprise Systems Tests execution on data load and unload in Tier1 and Tier2 using Control-M Workflow automation, and Enterprise Informatica Platform.
- Run/Maintain and manage Control-M workflows (automation API in json/yaml, GUI-based smart folders and jobs)
- Supports IRS ACA applications for tasks, and change requests related to account and certificate management, enterprise patching, COTS product upgrades, and infrastructure refresh

VMT-Long Term Care

Hybrid/Washington DC

IT Operations Director

September 2001 – January 2016

- Management and oversight of day-to-day IT operations: Helpdesk support activities, network operations and voice/video services, healthcare information systems, Medicare/Medicaid system integration.
- Developed, and implemented IT policies for improved service efficiency. Implementation of HIPPA Information Security program,

NIST compliance and development of security hardening plan

- Transitioning to a Software-as-a-Service (SaaS) solution to modernize business operations, reduce costs, and improve scalability.

EDUCATION

University of San Carlos

Computer Engineering

Eastern Michigan University

Java Programming (Certificate)

Cebu, Philippines

November 1997

Ypsilanti, MI

May 1998

ACCOMPLISHMENTS (OPTIONAL)

Recognition

August 2024

- DevSecOps 90 Day Challenge: CICD Fully Automated Pipeline – as Technical SME for Jenkins and SonarQube, delivered technical expertise and guidance that strengthened CICD pipelines and code quality standards. Optimized Jenkins performance, enforce effective SonarQube quality gates, and resolve complex issues quickly has significantly improved platform stability and developer productivity.