

ANVESH REDDY YERUVA

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SUMMARY

Senior DevOps Engineer with 7+ years of experience installing, integrating, and maintaining enterprise delivery toolchains. Hands-on expertise building CI platforms with Jenkins and GitHub, implementing pipeline as code, shared libraries, quality gates, artifact versioning, and promotion workflows. Strong automation background using Python and Bash to migrate and converge tooling, including repository moves, Jenkins job migration, credential standardization, and bulk configuration updates. Working knowledge of provisioning using Terraform and Helm charts to deploy CI platform components and support repeatable environments. Known for independently owning tool setup, integrations, upgrades, and operational support to improve developer velocity and release reliability.

EDUCATION

Christian Brothers University, Memphis, TN

Graduation 2025

MS in Computer Information Systems

WORK EXPERIENCE

Charter Communications, *DevOps Engineer (Contract)*, Remote, US | Aug 2025 to Present

- Installed, configured, and maintained Jenkins CI platform including controller settings, plugin governance, agent configuration, credentials, shared libraries, and pipeline templates for reliable builds and releases.
- Built and standardized GitHub and GitHub Actions workflows with branch protections, required checks, and consistent build, test, and release patterns.
- Implemented pipeline as code practices and reusable templates to reduce manual job configuration and speed onboarding of new services.
- Integrated artifact publishing and quality scanning into pipelines using Nexus, JFrog Artifactory, and SonarQube to enforce traceability and quality gates before promotion.
- Automated platform operations using Python and Bash including job bootstrap scripts, bulk configuration updates, validation routines, and repeatable setup tasks for new repositories.
- Led migration and convergence work including repository moves, Jenkins job migrations, credential standardization, and alignment of legacy jobs into standardized pipelines.
- Improved CI reliability by troubleshooting build failures, agent capacity issues, flaky tests, and pipeline runtime bottlenecks, driving fixes to restore stable delivery.
- Deployed CI platform components using Terraform and Helm charts, enabling repeatable installation, upgrades, and environment recreation.
- Implemented release controls including gated promotions, approvals, rollback procedures, and environment-specific configuration patterns for safer deployments.
- Authored runbooks for CI platform outages, incident response, backup and restore procedures, and common failure patterns.

Kwalee, Senior DevOps Engineer, Bengaluru, India | Feb 2022 to Jul 2023

- Owned Jenkins platform stability by managing agents, credentials, shared libraries, pipeline templates, and standard job configuration across teams.
- Standardized CI workflows using reusable pipeline stages for build, unit tests, packaging, and deployment readiness checks.
- Integrated GitHub pull request validation with CI triggers and status reporting to ensure consistent release readiness checks.
- Implemented artifact versioning and promotion workflows and enforced quality gates using artifact repositories and static analysis scanning integrated into pipelines.
- Automated CI administration using Python and Bash including job creation scripts, bulk updates, migration utilities, and convergence of legacy pipelines into standard templates.
- Supported provisioning and deployment automation using Terraform and Helm charts to enable consistent environments and repeatable tool installation.
- Improved platform reliability by troubleshooting build failures, dependency issues, agent capacity constraints, and pipeline runtime inefficiencies.
- Led CI migration work including repository standardization, pipeline migration, credential updates, and alignment of build standards across teams.
- Improved release reliability through gated promotions, rollback-ready releases, and environment-specific configuration controls.
- Created runbooks and onboarding guides to enable team self-service while keeping the CI platform supportable.

Side Inc, Hyderabad, India | Aug 2016 to Feb 2022

Senior DevOps Engineer | Oct 2018 to Feb 2022

- Managed CI CD platform operations by maintaining Jenkins controllers, plugins, agents, credentials, shared libraries, and pipeline templates for reliable delivery.
- Led pipeline modernization across Jenkins and GitHub Actions using pipeline as code, reusable templates, validation gates, and controlled promotions.
- Implemented artifact publishing, versioning, and promotion workflows and enforced code quality gates as part of release readiness checks.
- Automated migration and convergence tasks using Python and Bash including Jenkins job migration scripts, bulk pipeline updates, and repeatable onboarding for new repositories.
- Improved Terraform workflow reliability by adding automated validation and policy checks to reduce configuration drift and release-time misconfigurations.
- Authored platform runbooks and led incident follow-ups focused on reducing recurring CI failures and improving recovery time.

DevOps Engineer | Aug 2016 to Sep 2018

- Supported Jenkins job maintenance and pipeline execution troubleshooting, assisting with onboarding new services into standardized CI stages.

- Wrote Python and Bash scripts for health checks, validation routines, bulk configuration updates, and routine maintenance to reduce manual effort.
- Supported artifact publishing workflows and basic quality checks in early pipeline stages to improve build consistency.
- Participated in on-call rotations and incident response, contributing to root cause notes and updates to operational checklists.

TECHNICAL SKILLS

- Programming Languages: Python, Bash, SQL
- CI/CD and Source Control: Jenkins, GitHub Actions, GitHub, Git, GitLab
- Artifact and Code Quality Platforms: Nexus, JFrog Artifactory, SonarQube
- CI Engineering Practices: Pipeline as code, shared libraries, job templates, build agents, plugin management, credential management, quality gates, artifact promotion, release approvals, rollback procedures
- Migration and Convergence: repository migration support, Jenkins job migration, bulk configuration updates, standardization scripts
- Provisioning and Deployment: Terraform, Helm, AWS CloudFormation
- Containers: Docker, Kubernetes
- Cloud Platforms: AWS, Azure, GCP

PROJECTS

MLOps QA Bug Severity Classifier (GitHub: [mlops-qa-bugseverity](#))

- Built a QA-focused machine learning service that trains and evaluates a text classifier for bug severity using a structured workflow and repeatable artifacts.
- Implemented release safety checks using unit tests and API smoke tests to validate service readiness before promotion.
- Delivered a production-style inference service using FastAPI with health and prediction endpoints, packaged in Docker for consistent deployments.

Flask CI/CD Starter (GitHub: [flask-cicd-starter](#))

- Built a minimal Flask service with a health endpoint to support deployment readiness checks and monitoring integration.
- Implemented CI workflows using GitHub Actions to run tests and build Docker images on every change.
- Used a multi-stage Dockerfile to separate build dependencies from runtime layers, improving portability and deployment consistency.

CERTIFICATIONS

- [AWS Certified Solutions Architect – Professional](#)
- [CKA: Certified Kubernetes Administrator](#)