

Summary:

- Skilled IT Professional with 8+ years of experience, looking for a position in areas of Software Configuration Management, Version Control, Build and release Management, Change Management , Cloud Integration.
- Experience with several industry best CI tools like **Jenkins/Hudson**
- Experience in setting up Continuous Integration and Continuous Delivery from scratch using Jenkins, Git and Ansible.
- Experience with SaaS (Software as a Service), PaaS (Platform as a Service), and IaaS (Infrastructure as a Service) solutions.
- Extensive experience with **AWS** (Storage, Application Services, Deployment and Management) and managed servers on AWS platform instances using Configuration management tools
- Worked with multiple QA teams to integrate their Test suite into CI/CD system, which helped in creating robust verification system.
- Two years of experience with DevOps methodologies and cloud infrastructure automation tools like Ansible and Terraform.
- Hands on experience in AWS provisioning and good knowledge of AWS services like **EC2, S3, Glacier, ELB, RDS, Redshift, IAM, Route 53, VPC, Auto scaling, CloudFront, Cloud Watch, Cloud Trail, Cloud Formation, Security Groups**
- Skilled in monitoring servers using **Nagios, Datadog and Cloud watch.**
- Experience with Configuration Management automation tool **Ansible** and has worked on integrating Ansible YAML Scripts.
- Handled source code migrations across multiple SCM tools like SVN to **Git.**
- Experience on Container and Cluster technologies like **Docker** and **Kubernetes**
- Experience in migration of legacy ANT projects into **Maven** with the help of Dev team.
- Tracking release metrics, build metrics, test plans and release schedules.
- Strong experience with **Linux** and related administrative activities
- Experience in Deploying Applications into Production & Pre-Prod environments with various Application server technologies like **WebLogic, Jboss & Apache Tomcat.**
- Created POC for CI/CD **GitLab**
- Troubleshooting deployment, infrastructure and start up issues on various application servers.
- Experience in setting up framework for one click build and deployment on non-production environments.
- Develop, enhance and maintain the build, deployment and configurations for continuous integration and automated regression and acceptance testing.
- Good understanding of ANT/Make/Maven based build systems to modify and update build scripts
- Experience in managing deployments in Cloud based environments with zero downtime to Customers.
- Written many shell scripts to automate day-to-day manual jobs and as part of CI setup.
- Ability to quickly understand, learn and implement the new system design, data models in a professional work environment.

TECHNICAL SKILLS:

- CI Tools : Jenkins
- Build Systems : Maven, Ant
- Version Control : Git, SVN, Bitbucket, GitLab
- Application & Web Servers : Weblogic, Apache Tomcat, Jboss, Apache, IIS

- Configuration Management : Ansible
- Cloud Technologies : AWS
- Containerization Tools/ Orchestration : Docker, Kubernetes
- Virtualization Platforms : Vagrant, VirtualBox
- Scripting Languages : Shell, Python
- Monitoring : Datadog
- Operating Systems : Linux, Unix, Windows

RMS, Newark, CA

Devops Engineer

Oct 2018 - Present

Responsibilities:

- Involved in designing and deploying AWS Solutions using EC2, S3, EBS, Elastic Load Balancer (ELB) and Auto scaling groups.
- Created VPCs, Subnets, NAT to ensure successful deployment of Web applications and database templates.
- Create and manage S3 buckets, enable logging in S3 bucket to track the request, who is accessing the data and also enable versioning in S3 bucket and restore the deleted file.
- Implement Auto Scaling for scaling out to ensure availability and scalability of customer websites and applications.
- Utilize Cloud Watch to monitor resources such as EC2, CPU memory, Amazon RDS Database services, DynamoDB Metrics, EBS volumes.
- Coordinate/assist developers with establishing and applying appropriate branching, labeling/naming conventions using GIT source control and analyze and resolve conflicts related to merging of source code for GIT.
- Experience in managing the artifacts generated by MAVEN in the Nexus and Artifactory Repository Managers.
- Responsible for User Management, Plugin Management and END-END automation of Build and Deploy using JENKINS.
- Wrote Shell and Groovy scripts in Jenkins to automate entire CI/CD pipeline from development to deployment for every environment.
- Configured different plugins on JENKINS to integrate with GIT, MAVEN, NEXUS and scheduled multiple jobs in the Build Pipeline.
- Automated the Cloud Deployments using ANSIBLE, Python and AWS CLOUD FORMATION TEMPLATES and in particularly used ANSIBLE for application automatic deployment and provisioning to different environments.
- Created infrastructure required by the project team on AWS using TERRAFORM.
- Configured multiple Playbooks, Roles at ANSIBLE controller server to be deployed to various nodes.
- Container management using DOCKER by writing DockerFile and set up automated build and deployments and installed and configured using KUBERNETES.
- Building/Maintaining DOCKER container clusters managed by Kubernetes, Linux, Bash, GIT, Docker, on AWS utilized for the runtime environment of the CI/CD system to build, test deploy.
- Utilize Nagios based Open Source monitoring tools to monitor Linux Cluster nodes configured using Red Hat Cluster Suite.
- Used iTrack for ticket tracking and project planning/management.
- Attended daily stand up meetings, bug-scrub meetings, Sprint planning meetings and Weekly release health check-up meetings as best practices of Agile environment.

Environment:

AWS, Cloud Formation Template, Terraform, Kubernetes, Docker, Jenkins, Maven, Git, iTrack, Shell scripting, Groovy Scripting, Nagios, Nexus, Red Hat Linux, Apache, Tomcat.

**Portland General Electric, Portland, OR
Devops Engineer****Nov 2015 – Sept 2018****Responsibilities:**

- Ensure stability of CI infrastructure (Git, Jenkins) and help in scaling and operational activities.
- Worked on several key services of AWS such as EC2, S3, IAM, VPC, cloud watch and cloud formation templates
- Configured S3 versioning and lifecycle policies to and backup files and archive files in Glacier
- Wrote various custom Ansible Playbooks and modules for deployment orchestration, provisioning, configuration management
- Changed post-submit verification process into pre-submit verification and included code-review process into CI system, which reduced broken build percentage from 100 to 10% and achieved 100% code review.
- Seamlessly handled many zero downtime deployments to cloud based environments
- Worked with multiple QA teams to benchmark their test runs and integrated them with CI/CD setup. Worked on multiple test frameworks like Selenium, JUnit, TestNG.
- Integrated chef and AWS into our CD infrastructure to provision environments on the fly for every pipeline job during release freeze times to deal with huge number of checkins into CI.
- Participate in on-call rotations to enable production releases during non-business hours and help fixing any CI infra issues.
- Involved in end-to-end release activities starting from developer checking in code in SCM to releasing artifacts to production instance. Worked with multiple environments like Dev, QA, RMs and Site Reliability.
- Participate in code line cutover activities during major releases like creating release branches, managing integrations and upgrading environments with latest code.
- Trained Dev and QA community on effective usage of CI setup and tools like Jenkins, Git
- Involved in editing the existing MAVEN files in case of errors or changes in the project requirements.
- Perform periodic system audits on all environments to ensure that only controlled versions of software reside all environments.
- Responsible for the development and maintenance of processes and associated scripts/tools for automated build, testing and deployment of the products to various developments.

**Rocket Fuel, San Francisco, CA
Build/Release Engineer****Jan 2013 - Aug 2015****Responsibilities:**

- Implemented continuous integration system from scratch using Git, gerrit and Jenkins for multiple digital advertising products of Rocket Fuel.
- Managed Jenkins system with 200+ jobs on it including CI, deployment and various other jobs.
- Improved legacy deployment process and implemented many changes like grouping of servers and parallel installation etc. Which drastically reduced deployment time.
- Created a self-service environment management system using Chef and AWS with the help of System Engineer team, which can create desired environment (Dev/QA) in few minutes with all setup needed. This helped developers and QE in reducing the effort of creation of new Dev/QE environment and troubleshooting environmental issues.

- Created Jenkins jobs to run scheduled test automation on latest code 3 times a day and publish test results to QA team.
- Migrated some old code bases from SVN to Git repositories.
- Created Jenkins jobs to deploy builds automatically to QA and Staging environments.
- Created Jenkins jobs to promote QA certified builds from one environment to other like QA to Stage.
- Helped in migrating some legacy Ant projects to Maven with the help of Dev teams.
- Deploying java based and RPM based applications to Prod and non-prod environments which are based on apache tomcat servers.
- Wrote multiple Git hooks based to meet custom project requirements.
- Assist users and developers with the setup, installation, and testing of their applications.
- Work directly with Project Managers to establish and create & design the release plan
- Troubleshoot build issues in CI and work with developers to fix them quickly and helping dev/qa in deployment and environment issues.
- Trained Dev and QA community on GIT, Gerrit and Jenkins workflow
- Integrated bug tracking tool with CI system so that every ticket will be updated automatically based on commit status in CI.
- Maintained ant and rpm build scripts and modified whenever needed.
- Setup multiple automation servers for audio crash analysis, automated builds, remote team integration server

CA Technologies, Hyderabad, India
Java Build Engineer

Oct 2010 - Dec 2012

Responsibilities:

- Responsible for all aspects of Configuration Management and Release Engineering activities
- Manage and Maintain Different Product environments (QA, demo, staging, production)
- Installed and configured Jenkins from scratch and setup multiple roles and users based on LDAP.
- Provide software build support and ongoing assistance with build activities to ensure timely delivery of testing and production software builds.
- Developed many scripts to automate/improve the complete release model.
- Work with members of the Software Development, Infrastructure and QA teams to continually expand and improve the software release process.
- Managing Development, Testing and Staging environments.
- Integrated change management into continuous integration.
- Designs and implements solutions to ensure high system availability in test environments
- Works with third party integration vendors, customers and the networking group to resolve outages in production environment
- Troubleshoot issues in testing environments.

OpenText, Hyderabad, India
Associate Software Engineer

Mar 2010 - Oct 2010

Responsibilities:

- Worked on Business Operation Suite to deliver Platform-as-a Service
- Monitor nightly builds and troubleshoot any build issues.
- Run all test suites on daily builds, generate reports and submit to all QA leads.
- Create Dev and QA environments following a documented process and document necessary changes after review.

- Deploying war files into QA and staging environments based on instructions from QA team.
- Managing all SCM activities like creating branches, creating tags, merging code lines etc.
- Troubleshoot build issues to identify if build breaks are due to code changes by developer or environment. Work with developer until issue is fixed.
- Create release notes based on inputs from several departments like Dev, QA, PMs, RMs etc.
- Staged all the packages on shared server for stage, pre-production and production environments.
- Making changes to ant files when necessary based on project needs.
- Wrote some SVN hooks (pre-commit and post-commit) to support several project requirements
- Administration of SVN repositories like user access management, monitoring daily and incremental backups and troubleshooting any admin issues.
- Promoting the changes from release branches to trunk and feature branches to release branches.
- Creating branches, tags in SVN and handling all integrations/merges between release branches and working with developers in fixing conflicts
- Wrote shell scripts for many common SCM tasks like creating branches, tags, merges, backup etc.

Education:

Master of Computer Application, Osmania University, Hyderabad - India