

DevOps

Profile Summary:

- Deep knowledge of CI (Continuous Integration) and CD (Continuous Deployment) methodologies with Jenkins
- Build Management – Experience in tools such as Jenkins, Maven, Nexus for build management
- Hands on experience with Configuration Management Tools such as Chef, Puppet and Ansible
- Worked for Agile Projects
- Hands on experience with SCM tools like Git for branching, tagging and version management
- Hands on experience with code coverage tools like sonarqube.
- Hands on Linux Administration (Installation, Configuration & Troubleshooting)
- Database Configuration experience on mySql
- Hands scripting with Shell Scripting
- Hands experience on Amazon EC2 cloud deployments using DevOps tools like Jenkins and (chef/puppet/ansible)
- Extensive Experience in Jenkins master-slave for multi machine builds.
- Hand on experience in delivering container based deployments using Docker
- Having knowledge on setting up and managing **Docker private repository**.
- Having experience in creating custom Docker Images using Dockerfile
- Having knowledge on Docker Networking
- Having knowledge on Docker Clustering using Swarm
- Hands on experience on Cookbook development for the automation using Chef
- Hands on experience on Module development for the automation using Puppet
- Hands on experience in creation of Virtual Environments using Vagrants

Responsibilities

- Setup and maintain system-monitoring using Nagios
- Setup and maintain log-monitoring using Elastic Search, LogStash and Kibana
- Support the engineering teams regarding CI/Build tools, Environments and Automation.
- Involved in Branching, Tagging and Merging of code delivery at required releases
- Help Development teams automate the environment setup using tools like Ansible/Chef/Puppet
- Setup DEV, QA and UAT environments for every sprint using Chef/Puppet/Ansible
- Build engineering automation and productivity tools to streamline deployment pipeline
- Troubleshoot and resolve issues related to application deployment and operations
- Working with cross functional, geographically distributed team to provide 24X7 deployment support across multiple environments

- Maintained data_bags for password management in servers
- Used Hiera for reusing the modules across environments
- Identification of root causes on critical problems throughout the platform, incident reports and the organization of the engineering team members in steps to resolve issues
- Participation in project meetings with other technical staff and business owners and subject matter experts.
- Managing Continuous Integration and Continuous Delivery (CI/CD) using Jenkins and release management using SonarQube
- Configuring the Day and Night Builds for the sprint teams in Jenkins
- Writing (Cookbooks/modules) to automate infrastructure using (Chef/Puppet/Ansible)
- Configuring CRON Jobs for executing daily activities such as Backup/Archive etc in Chef/Puppet
- Automated the deployments to DEV and QA Environments by picking up builds from Jenkins using chef/puppet
- Created dockerfiles for easier replication of DEV, QA Environments in local machines
- Setting up local test environments if required on the engineers machine using Vagrant and VirtualBox
- Automation of the compilation, continuous integration, testing, packaging, and distribution of software
- Setting up and maintaining monitoring & alert systems for servers
- Working with various cross-functional engineering specialists, project managers and application development teams to define and implement a cloud-based hosting solution.
- Automation of DB / Server maintenance activities.
- Setting backups / replications / archiving, implement disaster recovery.
- Managing patches/software upgrades in servers
- Reviewing the technical architecture requirements to assess the DevOps Activities
- Migration of shell-scripts for deployments and environment creations to Chef/Puppet/Ansible