

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
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- 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
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