**Suvarna Sujatha G**

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**SUMMARY:**

* Over 4+ years of experience as a DevOps Engineer in Automating, building, deploying and releasing of code from one environment to another environment.
* Expertise in designing and developing **Jenkins** deployments.
* Jenkins is used as a continuous integration tool for automation of daily process.
* Working knowledge of branching and merging code lines in the GIT and resolved all the conflicts raised during merges.
* Experience in working with version control systems like GIT and used source code management tools, like GitHub and GitLab.
* Worked on Branching and Merging, Resolving Branching Strategy maintaining Branching strategy using GIT.
* Responsible for design and maintenance of the GIT, Stash Repositories, views, and the access control strategies.
* Extensive experience in using MAVEN as build tools for building of deployable artifacts (jar, war & ear) from source code.
* Good knowledge on using Artifactory repos for Maven builds.
* Hands on developing and executing Shell scripts.
* Good knowledge on Linux administration.
* Implemented continuous integration and deployment using CI tools like Jenkins.
* Experience of working with release and deployment in java/j2EE, and web application environments.
* Basic Knowledge in Amazon Web Services (AWS) & GCP (Google Cloud Provider).
* Knowledge of databases like MySQL, Maria db.
* Involved in setting up JIRA as defect tracking system and configured various workflows, customizations and plugins for the JIRA bug/issue tracker.
* Configured and maintained Jenkins to implement the CI process and integrated the tool with Ant and Maven to schedule the builds and automated the deployment on the application servers using the “code deploy” plugin for Jenkins.
* Familiar with Software Development Life Cycle (SDLC) processes.
* Analyzed the builds using the SonarQube.
* Managed and monitored the server and network infrastructure using Nagios.
* Good presentation, customer support and trouble shooting skills & experience in providing 24x7 support.

**TECHNICAL SKILLS:**

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| --- | --- |
| **Scripting Languages** | Shell |
| **Operating Systems** | RHEL 6&7 |
| **Build Tools** | Maven |
| **CI tools** | Jenkins |
| **Monitoring Tools** | Nagios |
| **Bug Tracking Tools** | JIRA |
| **Configuration Management Tool** | Ansible |
| **Code Quality Assurance Tool** | Sonarqube |
| **Cloud Platform** | AWS |
| **Virtualization Technologies** | Docker, Kubernetes |

**EDUCATION:**

Bachelors of Computer Science EngineeringJNTUK, INDIA

**PROFESSIONAL EXPERIENCE:**

**Snovaspace Information Systems Pvt Ltd.**

**Associate Consultant**

**Oct 2018 – Present**

It provides a wide range of IT solutions with Client friendly support and guiding the client to successful Implementation of the System.

**Responsibilities:**

* Installed and configured Jenkins on Linux and windows environments.
* Having good knowledge on GIT.
* Working experience on GIT administration and basic usage.
* Experience in Continuous Integration tools - Jenkins.
* Maintained build related scripts developed in shell for Maven builds. Created and modified build configuration files including POM.xml.
* Hands-on knowledge in installing and configuring monitoring tools like Nagios.
* Used Jenkins as continuous integration tool: creating new jobs, managing required plugins, configuring the jobs selecting required source code management tool, build trigger, build system and post build actions, scheduled automatic builds, notifying the build reports etc.
* Used Git as source code management tool: creating local repo, cloning the repo, adding, committing, pushing the changes in the local repo, saving changes for later (Stash), recovering files, branching, creating tags, viewing logs etc.
* Used Nagios as IT infrastructure monitoring tool: monitoring host resources such as processor load, disk usage, system logs, monitoring applications, services and network protocols.
* Worked with development team to migrate Ant scripts to Maven.
* Experience with shell scripting (bash).
* Worked on automating builds using Jenkins.
* Worked on tomcat installation and configuration.
* Proven experience on create Branching and Tagging concepts in Version Control tool like GIT.
* Proven experience on Build Tools like Maven.
* Worked on Dockers Including Docker Installation, Creating Images and Containers.
* Creating CI/CD pipelines by integrating Git, GitHub, Maven, Jenkins, Ansible, Monitoring

Tools.

* Wrote Shell scripts for doing Deployment and take the Git repository backups.
* Creating War/Ear files using Maven.
* Used Shell scripts to automate the deployment process.
* Used Maven dependency management system to deploy snapshot and release artifacts to Nexus to share artifacts across projects and environments.
* Responsible for creation and management of Ansible Modules.
* Support the code builds by integrating with continuous integration tool (Jenkins).
* Work with Development Teams and Testing Team to establish a build schedule, execute the builds and troubles shoot build failures, if any.
* Created BASH shell scripts to automate cron jobs and system maintenance. Scheduled cron jobs for job automation.
* Troubleshooting Maven scripts, Installed Jenkins, written shell script for end-to-end build and deployment automation.
* Created Jobs in Jenkins, and set up global permission and scheduling jobs.
* Automate the build Process Using Jenkins jobs.
* Monitor the UAT/Production Environments for any down time issues by performing regular cron job updates in servers.
* Created and modified build configuration files including POM.xml.
* Administering GIT repository, and assigning users permission to branches, resolving merge conflicts, reviewing pull requests.
* Installed Jenkins on a Linux machine and created a master and slave configuration to implement multiple parallel builds through a build farm.
* Managed daily builds and releases to QA. Debugged build failures and worked with developers and QA people to resolve related issues.
* Managing version control tools, builds and deploy for java based applications.
* Perform Build activities using Maven and Jenkins tool.
* Perform Deployment of War files in Tomcat application servers using Shell scripts
* Configured Jenkins jobs with Git and Maven for generating artifacts.
* Maintaining the versions of Jenkins artifacts in Nexus repository.
* Maintaining backups of Jenkins jobs to ensure the files in Workspace available.
* Managed all SCM activities like branching/tagging/merging in GIT.
* Used Nexus repository tool for maintaining the java based release code packages.

**Environment:** Java/J2EE, Maven, Ansible, Linux, Docker, Shell Scripts, GIT, Jenkins, Tomcat, Jira.

**Declaration:**

I hereby declare that the above stated information is true and correct to the best of my knowledge

**Date:**  (**Suvarna Sujatha.G)**