**DevOps Engineer**

Gopi Udayana

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**Objective**

Over 3+ years of IT Industry experience as a DevOps Engineer, with Configuration Management, Build, Release Management and Quality Assurance using CVS, Subversion, GIT, Jenkins & Docker on UNIX and Windows environment. Knowledge of Git as a Configuration Management tool, to automate repetitive tasks, quickly deploy critical applications, and proactively manage change. Set up the framework for one click build and deployment on non-production environments.

**Skills**

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| **Shell Scripting:** | Shell, AWK, SED |
| **Continuous Integration:** | Jenkins |
| **Source Control:** | Git, GitHub, Subversion |
| **Build Tools:** | Maven |
| **Container Technology:** | Docker |
| **Ticketing Tool:** | Jira, Bugzilla, BMC Remedy |
| **Cloud Services:** | Amazon Web Services, VMware ESXI |
| **Web Server Administration:** | Apache, Tomcat |

**Work Experience**

**DevOps Engineer**

**Tech Mahindra**­ March 2019 – Present

* Develop and automated, continuous, build process that reviews the source code, identifies build errors and notifies appropriate parties to expedite/facilitate synchronization to the latest build using Jenkins.
* Creating branches, tags and merging the code from one branch to another and adding submodules.
* Participated in installation & configuration of Apache/Tomcat servers.
* Setup and configuring Plans in continuous integration tool Jenkins for project builds.
* Involved in Writing Docker files to build customized images for creating containers.
* Worked on creation of custom Docker images, tagging and pushing the images to Docker repository.
* Automate & monitor daily project development builds by using build tool Jenkins Maintaining AMIs of the Configured Ec2 instances and VM's residing in Esxi hosts.
* Good knowledge in Ansible Playbooks with Ansible roles. Used file module in Ansible playbook to copy and remove files on remote systems.
* Helping users on Day-to-Day activities involving Check In, Check Out, View problems, and access problems.
* Collaborated with Developers and testers in achieving organizational goals and educated them about build process using tools like JIRA and Remedy.
* Performed all System Administration tasks like CRON jobs, installing packages, and patches.
* Performing tape backups, archiving and checking data integrity through Shell Scripts and job automation.
* Responsible for managing infrastructure provisioning (EC2, ESXI Host VM's).

**Build/Release Engineer**

**Absolin Soft solutions LLP** ­ April 2017– Feb 2019

* Responsible for creating puppet modules and manifest files from scratch and experience in editing existing puppet manifests and automated manual installation processes using the puppet.
* Designing Branching structure to be used in software development for multiple projects.
* Maintaining version control system for multiple projects through Git/SVN.
* Automating software build process through Jenkins by providing developers specific build jobs.
* Created Nightly, Weekly and Continuous Integration automated builds for all projects.
* Shell scripting for automating the sync process between the client’s git and the project team’s git.
* Developed various GIT pre-commit hooks.
* Administration on Gerrit as a code review tool for GIT.
* LDAP Authentication.
* Implemented GITOLITE for moving towards a better approach of git access mechanism.
* Created SVN backup and restoration job for taking backup of the primary SVN server.
* Scheduled and Automate the GIT branches (1000+) backup for Dev Team on Linux Servers.
* Setting up Build Server on Centos (Linux).
* Managing backup on NAS.
* Developed a complete solution for creating a mirror of client’s SVN server on local GIT server.
* Established a defined and repeatable build and release process system.
* Continuously improving build and release processes.

**Education**

Bachelor Of Engineering in Electronics and Communication - (JNT University)