**DevOps with 4 years**

SUHAS P D

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*DevOps and Build Release Engineer looking for a position that will help for professional growth leading to greater profit and success for the Company. And to practice my technical skills and help me to develop my abilities to interact with people and to work myself out to the desired levels of self-satisfaction and the satisfaction of the employer company to gain experiences of all sorts.*

# Software Skills:

Server configuration Tool **: Ansible**

Container  **: Docker**

Container orchestration **: Kubernetes**

Operating System : **Linux, UNIX, Windows**

Build Deployment Tools : **Jenkins pipeline**

Build Environment Tools : **Maven,Make file, ANT**

Infrastructure as a code : **Terraform**

Defect Tracking Tools : **JIRA**

Version Control Tools : **GIT, GITHUB**

Scripting Languages : **Bash Shell Scripting**

Cloud : **AWS**

Other tools **: Artifactory (Jfrog),Nagios, SonarQube, Helm Chart**

# Professional Experience

Company: **SAP, Bangalore**

Duration: June 2018 to till date

**Technologies:Linux, Shell Scripting, Git, GitHub, Maven, Ant, Makefile, Jenkins, Ansible, Bugzilla,AWS, Docker, Kubernetes, SonarQube,Artifactory,Java.**

**Project:** SAP Project System (PS) is a project management software tool that integrates with other components of the SAP Enterprise Resource Planning (SAP ERP) system. ... Manufacturing projects,

including procurement and the monitoring of machine and labor capacity, can also be managed in the SAP PS environment

**Roles and Responsibilities:**

* Responsible for releases, doing builds and managing build system
* Worked on **AWS**. Created EC2 instance and installed ansible, Jenkins on those server
* Managing servers using **Ansible** and planning to use ansible for deployments
* Worked on **docker and docker compose**
* Worked on **Kubernetes** to manage containers
* Automation of spinning up the VPC using **Terraform**
* Created AWS EC2 instances and migrated all existing setup to AWS cloud
* Worked on creating S3 bucket and also attached volume to running instance
* Worked on IAM service and creating VPCs
* Responsible for creating branches, merging and resolving merging conflicts.
* Debug build failures and worked with developers and QA personnel to resolve related issues.
* Writing shell scripts to automate manual and repetitive tasks. Responsible for modifying and tuning existing scripts.
* Managing build infrastructures environment setups and monitoring daily operations in Jenkins and enhancing/troubleshoot issues/problems.
* Identifying and driving automation of tasks associated with continuous integration and release process
* Enough understanding to debug or specifies major component areas where major bugs or build failures occur.
* Experience in configuration management and release engineering in multiple-branches environment.
* Worked on branching and merging. Creating branches for different teams. Merging branches periodically and according to requests from dev teams.
* Giving knowledge to developers about version control and build/release concepts
* Worked closely with application developers to devise robust deployment, operating, monitoring, reporting for the applications
* Participated in the release cycle of the product which involves environments like Development QA, UAT.
* Used GIT for branching, tagging, and merging
* Taking Care of Patch and Load build Requests from Development Team
* Helping developer’s issues that are related to version control.
* Generate report and send an email to managers about status of daily builds and weekly builds.
* Good understanding of software development life cycles.
* Used docker to create build images and deployed
* Sending daily, weekly extracts to customers and Taking weekly back-ups.
* Maintained builds backup in Amazon S3 web services.
* Managed file storage, and transfer and create file archives for reuse by other projects.

**Project:** Network of servers around the world and rents capacity on these servers to customers who want their websites to work faster by distributing content from locations close to the user. When a user navigates to the [URL](about:blank) of customer, their browser is redirected to one of customer’s copies of the website

**Roles and Responsibilities:**

* Managing and monitoring build jobs from Jenkins.
* Setting up Jenkins build configurations for builds
* Involved in setting up the Jenkins builds
* Resolving Compilation with help of dev team, Environment and Linking Errors in the Builds.
* Identifying and driving automation of tasks associated with continuous integration and release process
* Revamping for existing build configuration to easily manageable and user friendly for automation.
* Managing GIT, Bugzilla Server administration for this project.
* Perform upgrades, new installations, enhancements and configuration changes
* Participated in the release cycle of the product which involves environments like Development QA, UAT.
* Provided support to deploy Cloud servers in engineering and IT organizations.
* Involved in improving service reliability using DevOps methodology, by creating, optimizing and automating operation focused processes.
* Proficient in bash shell scripting
* Supervise troubleshooting and resolving issues in production environments
* Procure experience on server-side technologies such as Apache, Nginx and Redis
* Acquire admin experience on source control systems Git.
* Good understanding of kernel concepts (filesystems, virtual memory, sockets)
* Hold an excellent knowledge in common SCM practices, such as branching and code merging
* Responsible for increasing deployment reliability and frequency while reducing frictions
* Involved in development and management of test automation frameworks

# Education

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| **Course** | **Institution** | **University** | **State** |
| BE | K.S.School Of Engineering And Management | VTU | Karnataka |
| PUC | Vijaya Pu College | State | Karnataka |
| SSLC | Holy saint high school | State | Karnataka |

**Date of Birth :** 25/10/1996

**PAN No. :** JYCPS3653G