**PRADEEP SHANKAR**

**DevOps Engineer with 5 years**

CellPhone: 8792853683 Email: pradeepshankarb10@gmail.com

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|  | **TECHNICAL SKILLS** |

Container orchestration : **Kubernetes**

Continuous Integration tools : **Jenkins, Jenkins pipeline**

Infrastructure as code (IaC) **: Terraform**

Web Application server : **Apache Tomcat**

Build Languages : **Maven, ANT, Makefile**

SCM Tools : **GIT, GITHUB**

Cloud Environment : **AWS cloud**

Containers : **Docker**

Server configuration management tools: **Ansible.**

OS and Scripting Languages : **Linux/Unix, windows, Shell Script, Python**

Defect Tracking tool : **JIRA**

Other tools : **Sonarqube, Artifactory, Helm Chart, VMware**

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|  | **EXPERIENCE**  |

**Company: Fidelity, Bangalore from April 2017 to till date**

**Project**: Provide software for Financial Planning and Advice, Retirement Plans, Wealth Management Services, Trading and Brokerage services etc.

**Role: Devops and Build Release engineer**

**Project Description:**

Environments: **Linux, bash and shell script, Python, GIT, Maven, Makefile, ANT, Jenkins, Tomcat, Ansible, AWS, Docker, Kubernetes, JIRA, Bugzilla, Apache Tomcat**

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|  | **RESPONSIBILITIES** |
|  | * Used **Terraform** for building, changing, and versioning infrastructure safely and efficiently
* Proactive performance management with High Availability setup of environments to ensure the site is always speedy using containerization and orchestration tools with Docker and Kubernetes.
* Responsible for supporting the full software development lifecycle by designing, implementing and maintaining support tools, namely source control management, continuous integration, continuous delivery, repository systems, etc.
* Have working experience on container orchestration systems such as AWS ECS and Kubernetes.
* Working knowledge of Container Management and Orchestration Software like Dockers, Kubernetes and Terraform.
* Primary responsibility for the maintenance, management, and streamlining of all of our Jenkins, Ansible, Docker, Kubernetes and Application servers, external processes and hosted services.
* Owning and improving our build and deployment processes with Kubernetes Cluster.
* Creating and monitoring dashboards and alerts for key infrastructure metrics, health checks.
* Created AWS EC2 instances and migrated all existing setup to AWS cloud
* Designing and architecting solutions to support microservices strategy and Kubernetes based deployment
* Worked on shell scripting and python to automate manual and repetitive tasks
* Worked on creating S3 bucket and also attached volume to running instance
* Worked on IAM service and also creating VPCs
* Worked on docker, written docker file and docker compose.
* Worked on Kubernetes and Docker swarm to manage containers
* Installed Apache Tomcat using Ansible and managing servers using Ansible.
* Worked on docker and setup Jenkins on docker.
* Provided support to deploy Cloud servers in engineering and IT organizations.
* Developed cloud environments to optimize performance in diverse engineering organizations.
* Modified and tuned existing shell scripts. Written scripts to make my life easier in the work.
* Worked on branching and merging. Creating branches for different teams and for different projects. Merging branches periodically and according to requests from dev teams.
* Setup Jenkins and created jobs for different builds.
* Gathering Information from the Clients and providing consultation by performing POC and setup the Build/Deployment and Release Management.
* Imported and managed multiple corporate applications into GIT repositories and give access rights to the authorized developers.
* Deployments to multiple environments like QA and UAT using Ansible
* Setting up the automatic build and deployment automation for Java base project by using JENKINS and Maven.
* Creating builds using shell Scripts, ANT/Maven scripts manually and automated.
* Troubleshooting deployment and installation issues.
* Handling complete Build and Release process including code, documentation and supporting testing team along with the server Administration
* Work with QA to facilitate verification of releases. Running multiple builds at a time.
* Performed build and release of all software cycles engineering, test, production, update, patches, and maintenance. Wrote scripts in make, bash to automate the build release processes. Debugged build failures.
* Generate report and send an email to managers about status of daily builds and weekly builds.
* Responsible to patch builds, daily builds, weekly builds and resolving issues related to build failure.
* Written shell script to automate build process, generate report and send an email to managers about status of daily builds and weekly builds.
* 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 projects and multiple-branches environment.
* Responsible for branching and merging for different development teams and resolving merging conflicts.
* 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 projects and multiple-branches environment.
* worked on shell scripts to automate build process
* Worked on branching and merging. Creating branches for different teams and for different projects. Merging branches periodically and according to requests from dev teams.
* 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
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|  | **ACADEMIC DETAILS** |

* BE - Automobile Engineering - Dayananda Sagar College Of Engineering , Bangalore - Visvesvaraya Technological University (Vtu)
* 12th - Sahyadri Pu College , Kolar - Karnataka Board Of The Pre-university Education, Bangalore
* 10th - Chinmaya High School , Kolar - Karnataka Secondary Education Examination Board

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|  | PERSONAL DETAILS |

DOB :  10/02/1993

Father name: Umashankar .B

Pan number : CWDPP5293F