**Devops engineer with 5 years**

**Harish K**

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|  | **TECHNICAL SKILLS** |

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

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

Web Application server: **Apache Tomcat**

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

SCM Tools: **GIT, GITHUB**

Defect Tracking tool: - **JIRA**

Cloud Environment : **AWS**

Containers: **Docker**

Container orchestration : **kubernetes**

Server configuration management tools : **Ansible.**

Other tools : **Sonarqube, Artifactory**

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|  | **Experience** |

**Company: VMware from June 2014 to till date**

**Project**: VMware virtualizes computing, from the data center to the cloud to mobile devices, to help our customers be more agile, responsive, and profitable

**Role: Devops and Build Release engineer**

**Project Description:**

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

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|  | **Responsibilities** |
|  | * 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 also creating VPCs** * Worked on **docker, written docker file and docker compose.** * Worked on **kubernetes** 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 SVN 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 specify 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 specify 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. * Documenting SCM guide and responsible for maintaining it   **Development environments, Linux, Maven, ANT, make, bash, GIT, GITHUB, Jenkins, Shell script, Docker, AWS, kubernetes**  **Project2:** VMware virtualizes computing, from the data center to the cloud to mobile devices, to help our customers be more agile, responsive, and profitable  Role: devops and build engineer   * 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   Environment:- **Build Release, UNIX, shell scripting, Windows, GIT, MAKE file, BAT, Jenkins** |
|  | **ACADEMIC DETAILS** |

* BTech in ECE from Gates institute of technology affiliated to JNTU Anantapur, AP
* 12th from Narayana junior college affiliated to state board, Hyderabad , AP
* 10th from Saint Vincent De paul English medium high school Affiliated to Board of Secondary Education, Anantapur,AP

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|  | **PERSONAL DETAILS** |

DOB - 01 MAY 1994

PAN NO - DDPPK8471N