**Venkat P**

**DevOps Engineer**

**Bangalore**

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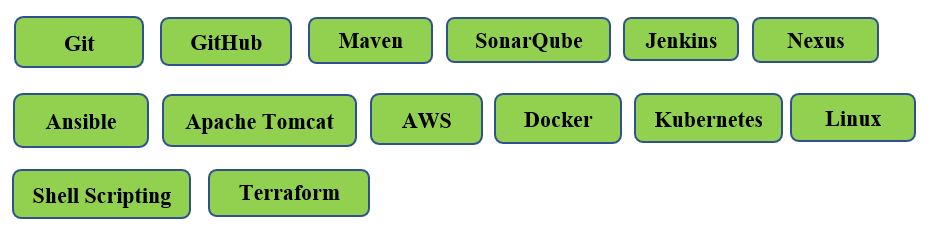
**✉** venkatkp47@gmail.com

**PROFESSIONAL SUMMARY**

Having 8 years of experience in software configuration management which includes source code management, build infrastructure setup, continuous integration and continuous deployment, amazon web services as a DevOps Engineer for different application releases and distributed environments for agile development projects.

* Total 8 years of experience in those 4 years of experience as Cloud & DevOps support engineer.
* Experience on Installation of tools like GitHub, Jenkins, Maven, SonarQube, Nexus, Docker, and Tomcat in Linux environment.
* Implemented multiple CI/CD pipelines as a part of DevOps role for on-premises and cloud-based software using Jenkins, Ansible, AWS, Azure DevOps, Docker, and Kubernetes.
* Experience in Administration of source control management systems, such as GitHub.
* Extensively worked on Jenkins for continuous integration and for End-to-End automation for all build and deployments.
* Good experience writing Jenkins Pipeline Script for CI/CD process.
* Extensive experience using Maven as build tool for the building of deployable artifact (jar, war & ear) from the source code.
* Debugging issues if there is any failure in broken Jenkins build and maintaining Jenkins build pipeline.
* Creating new Build jobs, Plugins installation and management, setting up Master/slaves using Jenkins.
* Good Experience in writing shell scripts to automate the several activities.
* Expert in deploying the code in various servers like Apache Tomcat.
* Good experience in Containerizing applications with Docker.
* Good work experience in CI/CD Pipeline workflow of Docker.
* Hands on experience in Container Orchestration or Management tools like Docker swarm and Kubernetes.
* Experienced in setting up the EKS Kubernetes cluster setup on AWS Cloud.
* Strong experience in working with Kubernetes API Primitives.
* Amazon Web Services (knowledge in AWS services like EC2, S3, VPC, ELB, AMI, Auto scaling, Load balancing, Cloud Watch, Cloud Front).
* Launching AmazonEC2 Cloud Instances using Amazon Web Services (Ubuntu/RHEL) and configuring launched instances with respect to specific applications.
* Having experience on code review tools like SonarQube.
* Primary responsibilities include Build and Deployment of the java applications onto different Environments like Dev, QA, pre-Prod, UAT and Prod.
* Learning and adapting new technologies, tools and a good team player working with project Managers, Team Leads, Developers, Testers.

**TECHINICAL SKILLS**



**PROFESSIONAL EXPERIENCE:**

**Deloitte Consulting USI Pvt Ltd Bangalore**

**DevOps Engineer Aug’ 2022 - Present**

**PROJECT DETAILS:**

**Project:** Converge Health

**Summary:**

Converge HEALTH creates new health ecosystems to enable the future of health by combining next generation platforms, deep industry experience and novel collaboration models.

**Roles & Responsibilities:**

* Jenkins continuous integration server installation and configuration for all GitHub Repositories.
* Automating the Build process using GitHub and Maven.
* Used Maven for building the artifacts and administered the Maven Build scripts.
* Configured GitHub with Jenkins and scheduled jobs using Poll SCM option.
* Automated application packaging and deployments.
* Automated the Build Process using Jenkins and handled complete Build and Release process including code, documentation and supporting testing team along with the server Administration.
* Managed Linux staging and testing environments.
* Uploading the artifacts in Nexus repository.
* Manual installation and configuration of Apache Tomcat Application Servers.
* Configuring the Docker containers and creating Docker file for different environments.
* Experience working with Docker containers, created and managed a Docker deployment pipeline for custom application images in the cloud using Jenkins.
* Extensive experience with containerization and related technologies like Docker and Kubernetes.
* Used Docker, Kubernetes to manage micro services for development of continuous integration and continuous delivery.
* Used Ansible as Configuration management tool to automate repetitive task.
* Application/Web Server Log files analysis to troubleshoot application problems on application and web server side.
* Analyze and resolve conflicts related to merging of source code for GitHub.
* Used Docker, Kubernetes to manage micro services for development of continuous integration and continuous delivery.
* Good knowledge on Kubernetes deployment using Jenkins and Ansible playbooks.
* Analyze and resolve Kubernetes deployment issues.
* Deploying war and ear Applications for development.
* Troubleshoot Deployment issues in the Dev, QA and UAT environments.
* Automating build process used for Java, Middleware applications using tools / automation framework like Jenkins.
* Monitor builds and provide proactive support to resolve any build issues.
* Configured Git to inform all the teams about the latest changes happening on it to avoid conflicts due to the push before pull issue.
* Maintaining Maven build.xml and properties files.
* Maintain the AWS Terraform scripts.
* Created new terraform scripts for creating new modules and resources.
* Created Terraform Resources as per client requirement.

**Thomson Reuters International Pvt Ltd Bangalore**

**Systems Engineer May’ 2019 – Aug’ 2022**

**PROJECT DETAILS:**

**Project:** Westlaw Next

**Summary:**

Westlaw Next is a useful tool for legal research. It is easy to search here when you have citations to things like regulations, statutes, or cases. Key Cite is an additional easy to use tool that lets you see other authority or explanatory materials.

**Roles & Responsibilities:**

* Installed, configured, and administrated redhat servers on AWS, includes the design and selection of relevant hardware.
* Deploying, monitoring apps investigating, troubleshooting, and resolving issues on Project X and Legal Analytics.
* Setting up and building AWS infrastructure resources such as EC2, VPC, S3, IAM, EBS, Elastic Search, Security Group, Auto Scaling, and Load Balancing.
* Created IAM users and roles with service based custom policies.
* Worked on Amazon web services by creating, configuration of Ec2 instances, Virtual machine to configure with elastic IP and worked on firewall and security aspects. Good experience in creating the Ec2 instances using golden AMI’s.
* Managed the storage using Elastic block storage and simple storage service and snapshot configuration.
* Well versed working experience with VPC, ELB, Auto Scaling, Cloud Watch, IAM, and S3 cloud services.
* Deploying applications in Spinnaker using pipelines via Jenkins to the Stage, UAT & PROD environments for both regions.
* Configuring security and creating custom IAM roles then attach to the EC2 instances.
* Worked on Branching and Merging using GitHub.
* Installing Plugins in Jenkins as per project requirements.

**DXC Technology Bangalore**

**Linux Administrator Aug’ 2015 – May’ 2019**

**PROJECT DETAILS:**

**Project:** eProcurement (GOK)

**Summary:**

The eProcurement System enables the Tenderers to download the Tender Schedule free of cost and then submit the bids online through this portal.

**Roles & Responsibilities:**

* Implementing the patches on Linux and windows servers.
* Monitoring system resources, like network, logs, disk usage using Nagios monitoring tool.
* Configure and installed the MySQL, Jboss and Apache tomcat on legacy servers.
* Setting up corn jobs for the application owners to deploy scripts on Staging, QA and Production servers.
* Working on Change Request raised by customer/team and follow up.
* Configuration of FTP and remote applications like SSH, scp, telnet.
* Backup & Restoration by using tar, cpio and dump.
* As per application team execute MySQL scripts and take backup of MySQL dumps.
* Deploy and update Applications in the Jboss & Apache tomcat servers.
* Analyzing the logs to resolving application issues while deploying the applications.
* Deployed different types of servers like Dell iDRAC and HP iLO servers.

**Certifications:**

* AWS Certified Solution Architect Associate (MLWGZZF192Q4QP3N).
* AZ-104 Microsoft Azure Administrator Associate (I608-5270).

**Education:**

* Master of Business Administration from Jawaharlal Nehru Technological University Kakinada.