PAIDIKALVA PAVANKUMAR

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Objective

Seeking a Challenging Position in a cloud environment within a large exiting company where my extensive professional and practical experience will be fully utilized for infrastructure/DevOps Professional.

Professional Summary

- Having Around 2.7 **Years of Experience in Build and Release, DevOps and cloud (AWS) Environment.**

- Hands on experience on Version Control Systems like **GIT** and **GITHUB**.

- Hands on experience in implementing continuous integration using tools like **Jenkins**

- Worked on build tools such as **Maven**

- Having experience in documenting and automating the build and release process.

- Ability in managing all aspects of the software configuration management process including code compilation, packaging /**deployment /release** methodology and application configurations.

- Hands on experience in setting up Tomcat and automate the deployment process through Jenkins using pos build actions.

- Took ownership of the task to be delivered and working extra hours if required to ensure that delivery is impacted .

- Actively involved in various project requirement analysis in addition to project development.

- Involved in technical discussions with the Client negotiated, planned and managed all project related activities.

- Attending the calls, meetings with the clients to ensure smooth project / task delivery.

- Monitor builds and provide proactive support to resolve any build issues.

- Involved in Branching, Tagging and Merging of code delivery at required releases.

- Experience with configuration management tool like **Ansible**.

- Work on servers on the cloud environment **Amazon Web Services (AWS).**

- Work on **EC2, VPC, S3** services in AWS.

- Have experience in **Linux** environment and infrastructure.

- Touch based knowledge on scripting languages **Shell scripting**.

- Good knowledge on virtualization tool **Docker**.

- Coordinating with development team to fix build and configuration issues.

- Good Team player with good communication and interpersonal skills.

- Self-motivated, inventive, ready to take initiatives for new upcoming tasks.

- Able to pick up new technologies within a short stint and adapt to rapid change of environment.

- Hands on experience of Kubernetes setup.

- Expertise in trouble shooting the problems generated while building and deploying.

- Good communicative, interpersonal, intuitive, analysis and leadership skills with ability to work efficiently in both independent and teamwork environments.
- Automating Build related tasks using scripting language like shell and configure CRONJOB.
- Expertise in trouble shooting the problems generated while building and deploying.

IT Knowledge Preview

Version Control System tools	GIT, GitHub
Operating Systems	Linux (CentOS, Ubuntu)
Configuration Management	Ansible
Scripting	Shell Scripting
Build Tools	Maven, Gradle
Container Orchestration Tools	Kubernetes, Docker-Swarm
Cloud Services	AWS (EC2, S3, EBS, EFS, ELB, IAM)
Application Server	Apache Tomcat
Continuous Integration Tools	Jenkins
Containerization tool	Docker
Bug Tracking Tool	Sonartype, Nexus
Database	MySQL
Code Quality Analysis Tool	SonarQube

Academic Credential

- **B.TECH** from **ANNAMACHARYA INSTITUTE OF TECHNOLOGY & SCIENCES,** Rajampeta during the period of 2016-2019.

Professional Experience

- Working as **DevOps Engineer** at TCS, Hyderabad **from June 2019 to till date.**

Projects#2 :

- Client   : AT&T
- Role   : DevOps Engineer

- Technology   : Git, Maven, Jenkins, Docker, Kubernetes, Ansible, AWS, SonarQube, Nexus.

Roles & Responsibilities:

- Creating GitHub repositories and specified branching strategies that best fitted the needs for the clients.

- Configured GitHub with Jenkins and Schedule jobs using POLL SCM, GitHub Webhooks and Build Periodically option.
- Responsible for continuous integration using the pipeline view.
- Define dependencies and plug-ins in maven pom.xml for various activities and integrated maven with GitHub to manage and Deploy project related tags.
- Analysis of source code using SonarQube.
- Uploading Build Artifacts in Nexus repository.
- Uploading Artifacts and Docker images to Nexus Remote Repository.
- Designed and managed CI-CD work flows using tools such as Jenkins, Ansible.
- Work cross-functionally across infrastructure, Development and QA teams to Build processes around change control and release management to help deliver products to market in a rapid, repeatable, and consistent manner.
- Used AWS Services like S3, EC2, NFS, VPC, ELB, IAM and Auto-scaling.
- Writing manifest files like replication controller, replica set, daemon set and deployment.
- Scale up the pod's and scale down the pod's using HPA.
- Creating name spaces in Kubernetes Cluster.
- Creating Kubernetes cluster and adding worker Node to master Node.
- Building and understanding of all aspects of the cloud platform including network ingress, monitoring, alerting, RBAC, and Multi-Region deployment.
- Installing Grafana on Kubernetes to monitor the Kubernetes cluster nodes.
- Configuring multiple servers using Ansible.

Project#1:

Project Name   **:** TAV
Role   **:** Build and Release Engineer
 Tools   **:** Git, Maven, Jenkins, Tomcat, Shell Scripting.

Roles & Responsibilities:

- Creating branches and tags using GIT.
- Responsible for tagging and maintain code on version control GIT.
- Monitored daily builds, GIT check-ins and administrated access management .

- Supported product release management and patch set release.
- Responsible for creating Builds and Deployments Planes.
- Creating War files using Maven.
- Automate the build Process Using Jenkins jobs.
- Creating jobs using Jenkins. Manage installations of node, deployment, configuration, administration, backup….etc.
- Making Application, Reports and Script ready for the Release on time.
- Verify Deployments logs to check for successful deployments.
- Debugging Build & Release related issues.
- Making build and deployment automation enhancements, fixing bugs.

Date:
Place: **(PAIDIKALVA PAVANKUMAR)**