# PABBA KALYAN

# Total Exp: 1 Year 4 months

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**Professional Summary:**

* Having 1 year 4 months of experience as a DevOps Engineer in automating, building, deploying, managing and releasing applications from one environment to other environment tightly maintaining **CI/CD** and Continuous Deployment in multiple environments.
* Good Experience on source code management tool **Git**.
* Knowledge on source control management concepts like **Branches, Merges** and **Tags.**
* Performing build activities by using **Maven** created and modified build configuration files including **POM.XML**
* Working with multiple teams in automating **CI**&**CD** pipeline using Jenkins tools.
* Administration of Jenkins server- Includes Setup of **Jenkins**, **parameterized builds** and **Deployment** automation.
* Good Hands-on Experience in Creating Jenkins jobs, plugins-installations, setting-up distributed builds concept and other Jenkins administration activities
* Configured Jenkins Master-Slave Architecture using Jenkins Nodes to builds jobs in the view of distributing the load of Jenkins Mater and achieved parallel builds
* Integrate **SonarQube** to Check the Quality of the code.
* Expertise in Writing Playbooks and Creating Roles for Scalability and Re-usability in **Ansible.**
* Experience in provisioning, packages, services, configuration and deployment using **Ansible**.
* Proficient in deploying the War/Jar/ear applications on target managed servers.
* Experiencing in using **Tomact** application server for deployment.
* Implemented containerization using Docker and its components like Docker Engine, Docker Hub, Machine, Docker-Compose, Docker Registry and Docker Repository.
* Writing Docker files for creating customized Docker images required for different environments.
* Having Good Knowledge on **Kubernetes**.
* Expertise in creating and maintaining the infrastructure on AWS using services such as EC2 (**EC2-instances, AMI, IAM, ELB, EBS, S3**), auto-scaling and Route 53.
* Monitoring the deployments in all the environments, **debugging deployment issues** and resolves the same in timely manner reducing the downtime.
* Communicating with **Dev, QA, Delivery teams** to discuss about **build and release** issues and plan the improvements accordingly.
* Ability to learn and master new technologies and to deliver outputs in short deadlines.

**TOOLS AND TECHNICAL SKILLS:**

|  |  |
| --- | --- |
| Operating Systems | Linux, Windows |
| Version Control Tool | Git/GitHub |
| Build Management Tool | Maven |
| Application Server | Tomcat |
| Web Server | Apache Tomcat (Httpd) |
| Scripting Language | Shell, Bash Scripting |
| Continuous Integration Tool | Jenkins |
| Code Analysis | SonarQube |
| Security Tool | OWASP Dependency Check, TRIVY |
| Containerization | Docker |
| Artificat Management Tool | Nexus, JFrog |
| Configuration Management Tool | Ansible |
| Cloud Technology | AWS (Amazon Web Services) |
| Log Analysis | Aws Cloud watch |
| Management Tool | Jira |
| Orchestration Tool | Kubernetes |

**PROFESSIONAL EXPERIENCE:**

Working as a DevOps Engineer in Marolix Technology Solutions Private Ltd from August-2022 to till date.

**PROJECT DETAILS:**

Client : CMS (Courier Management Services)

Designation : DevOps Engineer

Environment : Git, Jenkins, Maven, Apache Tomcat, Ansible, Linux,nagios.

**Description:**

CMS is used to transfer the objects from one place to another by giving unique Id to object as "Consignment Number". We save Consignment number with details like Customer Name, location, Service, Mode of transfer, weight & rate. Cost for the Consignment will be calculated on different basis like based on distance, based on weight & based on Customer. Management will give the login to employee as Admin, Operations, Customer, and Employee & Agent, based on the Login they got permissions to do operations. Locations will be divided as a "Corporate" "Hub" and "Branch". They can transfer Consignment Number from Hub to Hub, this operation called as “Manifest” and Hub to Branch as “Branch Manifest” and Branch to Hub as an “Open Manifest”. If they transfer Consignment Number to a non-located place it’s called as a “Forwarding to Agent”.

**Roles and Responsibilities:-**

• Configuring jobs, master slaves and managing using in Jenkins

• Responsible for maintaining backups in Jenkins.

• We use GitHub to keep all our source code and automation scripts.

• Built Continuous Integration Environment using Jenkins.

• Configured Git with Jenkins and schedule jobs using POLL SCM build trigger.

• Developed and maintained the continuous integration and deployment systems using Jenkins, Maven, Nexus, Ansible.

• Installing, Configured and management in Ansible Centralized Server and creating the playbooks to support various middleware application servers, and involved in configuring the Ansible tower as a configuration management tool to automate repetitive tasks

• Automated configuration management and deployments using Ansible playbooks and Yaml for resource declaration. And creating roles and updating Playbooks to provision servers by using Ansible.

• Monitoring Jenkins jobs and contact team if progress is not evident on fixing stability issues.

• Developing build and deployment pipelines using Jenkins, Maven for Java applications

• Administered version control system that included branching and merging Responsible for creating and developing the build process environment.

• Set up and maintained Development, QA, Pre-Production, and Production environments.

**PROJECT: TOUBA , JOB PORTAL FOR APPLYING JOBS**

**TECHNOLOGIES: GIT, MAVEN, JENKINS, JIRA, TOMCAT, ANSIBLE, EC2, DOCKER.**

* Working as a DevOps Engineer for a team that involves three different development teams.
* Developed and implemented Software Release Management strategies for various applications according to the agile process.
* Troubleshoot and resolve issues related to application deployment and operations
* Configured **AWS-EC2** Cloud Instances using AMIs and launched instances with respect to specific applications.
* Performing Build and Release activities worked with GIT, Proposed and implemented branching strategy.
* Converted and automated builds using Maven Scheduled automated builds using Jenkins.
* Jenkins is used as a continuous integration tool for automation of daily process.
* Installed, Configured and Managed Jenkins CI Automation.
* Responsible for taking the build and deployment using Maven Automating builds in Jenkins.
* Used Jenkins Pipeline & Jenkins Freestyle to automate CI & CD.
* Configured Git with Jenkins and schedule jobs using POLL SCM and Webhooks.
* Used Ansible playbook to deploy application.
* Configured SonarQube with Jenkins to analyse the code to detect bugs.
* Build, manage, and continuously improved the build infrastructure for software development engineering teams including implementation of build scripts, continuous integration infrastructure and deployment.
* Implementing continuous integration using Jenkins.
* Attending sprint planning sessions and daily sprint stand-up meetings.
* Extensively used Maven tool to do the builds.

**EDUCATION:**

* B.Tech from **Hyderabd Institute Of Technology and Management,** Hyderabad(T.S) Aug 2017-Aug 2021
* 12th From Sri Chaitanya Junior Kalasala 2017
* 10th From CM Academy High School 2015

**DECLARATION:**

I hereby declare that the above mentioned information is true to the best of my knowledge and be the responsibility for corrections in the provided information.

**P.KALYAN**