

Alekhyam

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Professional Summary :-

- 3+ Years of experience in IT industry as DevOps/ Agile operations, Build/Release Management and Cloud Management
- Automation Continuous Integration and GIT environment setup
- Experience in working on source control tools like GIT
- Experience using Maven as a build tool for the building of deployable artifacts (jar, war & ear)
- I have good experience on Jenkins. Creating CI-CD pipelines which includes plug-in management, configuring tools, backups, jobs.
- Build, Configure, Manage and Coordinate all Build and Release Management activities.
- Worked on Automated build & Release process.
- Launching Amazon EC2 Cloud Instances using red hat Images (Linux) and configuring launched instances with respect to specific applications.
- Extensively worked on Jenkins for continuous integration and for End-to-End automation for all build and deployments
- Worked on Jenkins by creating jobs and build and deployment using the same.
- Good experience in containerization tool using Docker.
- Good experience in static code analysis tool SonarQube.
- Having good experience on Sonatype Nexus for artifact management.
- Having good knowledge on Kubernetes.
- Experience in setup and build AWS infrastructure various resources, EC2, VPC, S3, IAM and Auto scaling.
- Extensively worked with Version Control Systems CVS, SVN (Subversion), GIT.
- Extensively worked with automation tool Jenkins to implement the End-to End Automation.
- Expertise in using build tools like MAVEN and ANT for the building of deployable artifacts such as war & ear from source code. Application Deployments & Environment configuration using Ansible.
- Experience in using Docker to convert springboot applications into Images
- Experience with Kubernetes to orchestrate Images for Scalability, Availability and Deployment

Education Qualification:-

- B. Tech in ECE from PBR VITS(affiliated to JNTU, ANATAPUR), KAVALI

Technical Skills:-

- Operating systems : Linux
- Scripting Languages : Shell Scripting
- Configuration Management tool: Ansible, Terraform
- Application Servers : Tomcat
- Web Servers : Apache
- CI Tools : Jenkins
- SCM Tools : GIT, AWS Code Commit
- Build Tools : Maven, AWS Code Build, Code deploy
- Artifact Repository : Sonatype Nexus Repo Management
- Code Coverage tools : SonarQube
- Bug tracking tool : JIRA
- Virtualization : AWS (Amazon web services) Cloud
- OS Admin : Linux Administration
- Monitoring Tools : CloudWatch
- Containerization Tool : Docker
- Orchestration Tool : Kubernetes

Experience :-

- Worked as a Devops Engineer in Konnectsu Technologies from August 2019 to Feb 2023.
- Working as a Devops Engineer in Cyient from February 2023 to till date.

Projects and Work Experience: -

Project #1:

Project Name : ENSURE
Duration : August 2019 to February 2021
Role : Devops Engineer
Environment : GitHub, Maven, Jenkins, Linux, Ansible, AWS, Dockers, Kubernetes & Tomcat.

Roles & Responsibilities:

- Managed the source codes repository of multiple development applications using GIT version control tools.
- Created branches and managed the source code for various applications in GIT
- Merged release branches to the master after the production release and resolved the conflicts if any during the merge in GIT.
- Created various MAVEN scripts to create multiple deployment profiles and deploy the applications to Apache Tomcat.
- Expert in deploying the code to application servers like Apache Tomcat.
- Installed and configured Jenkins for Automating Deployments and providing an automation solution
- Integrated GIT into Jenkins to automate the code check-out process used Jenkins for automating Builds and Automating Deployments.

- Developed build and deployment scripts using MAVEN as build tools in Jenkins to move from one environment to other environments.
- Setup various Jenkins jobs for build and test automation.
- Implemented Infrastructure automation through Ansible for auto provisioning, code deployments, software installation and configuration updates. Working on Container management using Docker by writing Docker files and set up the automated build on Docker HUB and installed and configured Kubernetes
- Designed and implemented scalable, secure cloud architecture based on Amazon Web Services
- Managed AWS EC2 instances utilizing Auto Scaling, Elastic Load Balancing.

Project 2#

Project Name : LETSI
 Duration : February 2021 to till now
 Role : Devops Engineer
 Environment : Git, GitHub, Jenkins, AWS, SonarQube, Nexus, Apache tomcat, Apache webserver.

Roles & Responsibilities:

- Developed and managed delivery pipeline and prioritized functioning period and quick server response time.
- Creating CI/CD pipelines by integrating **Git, GitHub, Maven, SonarQube, Nexus, Jenkins, and AWS.**
- Continuous deployment pipeline by creating component processes, Applications and adding environments into handling deployments using code pipeline and **AWS** code deployment for various deployment scenarios like **Tomcat** deployment, Multiple applications deployment.
- Installing Plug-ins in Jenkins as per project requirements & Configuring Slaves in Jenkins.
- Created the Jenkins job for the Master branch and deploying the code across environments.
- Troubleshoot the build failures and alert the respective development teams for quick solutions.
- Configured the SonarQube to the Jenkins and fixing any issues as per code standards.
- Maintaining artifacts on Nexus repository
- Responsible for maintain the code in release wise in server repository
- Managed On-site OS/Applications/Services/Packages using Ansible.
- Managing the servers from backend on Linux platform.

DECLARATION:

I hereby declare that the above written particulars are true to the best of my knowledge and belief.

Place:
Date:

Yours faithfully

