

**Lavanya Sirigidi**

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PROFESSIONAL SUMMARY

* Skilled DevOps Engineer with 3+ years of experience in developing continuous integration and continuous delivery pipelines using different DevOps Tools.
* Good understanding of Amazon Web Services (EC2, S3, IAM, EBS, ELB, Auto-Scaling, ECS, ECR, Code Formation, Code Pipeline, Cloud Watch, VPC).
* Managed servers on the Amazon Web Services (AWS) platform instances.
* Proficient in developing Continuous Integration/ Delivery pipelines.
* Experience in Branching, Merging, Tagging and Maintaining the version across the environments using SCM tools like GIT (GitHub).
* Automation of build process (Build Automation) using the Jenkins, Maven and Git.
* Expertise in using build tool like Maven for building the deployable artifacts such as war & ear from source code. Application Deployments & Environment configuration using Ansible.
* Having Good Experience in Integrating code Inspection tools and Code Coverage tools like Sonar, Jacoco with Maven builds.
* Strong experience in working in Linux and Windows environments.
* Experience of Docker image creation and docker containerization.
* Experience in working with Nexus Repository Managers for Maven builds.
* Experience in Configuring and deploying to Application Servers Tomcat.
* Proficient in working with Ansible as a configuration management tool.
* Efficient in working closely with teams to ensure high quality and timely delivery of builds and releases.
  + DevOps
  + Git
  + Git Hub
  + Maven
  + Jenkins
  + SonarQube
  + Nexus
  + Linux
  + Unix

SKILLS

* + - Windows
    - Shell Scripting
    - Tomcat
    - Build releases
    - CICD
    - Artifactory
    - Git Lab
    - Ansible
    - Docker
    - AWS

WORK HISTORY

**DevOps Engineer**: Aug 2019 to Present

**TCS** - Hyderabad, Telangana

* Managed Version Control GIT and automated current build process with Jenkins with proposed Branching strategies.
* Configured Git with Jenkins and scheduled jobs using POLL SCM option, Webhooks.
* Configured nodes/slaves for Jenkins to optimize and for smooth running of build jobs.
* Created CI/CD pipelines by integrating GitHub, Maven, Jenkins, Docker.
* Configured local Maven repositories with Nexus repositories and scheduled projects in Jenkins for continuous integration.
* Used Maven dependency management system to deploy snapshot and release artifacts to Nexus.
* Integrated SonarQube as part of the CI/CD for static code analysis.
* Responsible for daily builds/deployments from Integration environment through staging environment.
* Experienced in Docker Containerization.
* Configured Auto Scaling policies to scale up/down EC2 instances based on ELB health checks and created alarms to be used in auto scaling decision making policies.

**Associate Software Trainee**: Nov 2017 to Aug 2019

**Idexcel**-Hyderabad, Telangana

* Implemented AWS Code Pipeline for build automation process.
* Worked with Code Commit, Code Build and Code Deploy as part of the Code Pipeline.
* Configured GitHub as a Scm tool.
* Integrated SonarQube with Code Pipeline to generate source code analysis report.
* Setting up builds using Ansible as a configuration management tool.
* Expertise in automating the continuous delivery using ansible playbooks.
* Performed deployments at various levels like DEV, QA, Staging.

EDUCATION

**B Tech**: Electrical & Electronics Engineering, 2017

**Aditya Engineering College**- Surampalem, Andhra Pradesh