

## Akula Sai Bala Siva Jyothika

- Bachelor of Technology in Electronics and Communication Engineering.
- Good hands-on experience in various Devops tools.
- Worked as a intern for 6 months and joined as Full time employee in Aug 30.
- Enthusiastic and keen to learn new technologies.

### Certifications:

- Aws Cloud Practitioner Essentials.
- DevOps Basic Certification

## Tools and Framework Experience

- AWS-Cloud Technologies
- Git-Version Control System
- Jenkins-CI/CD
- Docker-Containerization
- Kubernetes-Container Orchestration
- Terraform -Infrastructure as a Code
- Basic knowlegde on Linux and shell scripting.
- MySQL-Database Technologies
- Monitoring Tools-Basic Knowledge on Dynatrace,Splunk,Grafana,Prometheus

## Personal Projects

### EMPLOYEE MANAGEMENT SYSTEM

**Role:** Developer

#### Objectives:

- In EMS where we will record all the Employee details.
- Create a menu driven application ,create the classes Employee with below details like: (Add, Modify, Remove, Display, Report Generation)

### INVENTORY MANAGEMENT SYSTEM (HACKATHON)

**Role:** DevOps

#### Objective:

- Managing stocks sold from the inventory and displaying the profits of the day designed using frontend and backend technologies,deployed using docker,Kubernetes in tomcat server.

## Personal Tasks And Hands-On:

- Deployed Docker image and pushed to Docker Registry using Jenkins Pipeline Script.
- Created Pipeline job in Jenkins,to push a sample application to Tomcat server.
- Created a Pipeline Job to push the Docker Image into Kubernetes Cluster.
- Launched EKS Cluster Using Terraform Script .
- Configured 2 Worker nodes with 1 Master node and deployed Sample application in Kubernetes.
- Deployed a sample NGINX application on Kubernetes cluster.

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