

## Akula Sai Bala Siva Jyothika

- Bachelor of Technology in Electronics and Communication Engineering.
- Fresher and have hands-on in DevOps.
- Worked as a intern for 6 months and joined as Full time employee in Aug 30.
- Completed all the mandatory trainings in i-Success Learnings.
- Trained on AWS,SQL,Different tools of DevOps
- Enthusiastic and keen to learn new technologies.

## Tools and Framework Experience

- Technologies and Cloud Framework- Kubernetes ,Aws cloud.
- Basic knowlegde on Linux and shell scripting.
- CI, SCM and Build Tools : Jenkins, Git/Github.
- Server Technologies: NGINX, Docker,
- Database Technologies : MySQL,PLSQL.

## Personal Projects

### EMPLOYEE MANAGEMENET 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:

- Implemented Vertical pod autoscalar for kubernetes deployment
- Created Jenkins with master-slave architecture,install necessary plugins,create sample free style project,create sample CICD pipeline.
- Created a kubernetes cluster on EC2 using minikube,create nginx deployment on kubernetes.
- Implemented liveness readiness on kubernetes deployment.

**Akula Sai Bala Siva Jyothika**  
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