

ARE SUDHEER BABU

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SUMMARY:

A Software engineer - with knowledge and experience on Cloud and DevOps looking out for a challenging position in a reputable organization to exhibit my skills & learning to solve real-time problems and helping out to be a better platform for my career growth.

PROJECT EXPLOSURE:

Currently working on R & D team – Managing physical Servers, Virtual Machines, Daily backup, Migration of Applications between different clouds, Deploying Applications, Monthly Patching Activity, Cost Optimization, Disk Management Vulnerabilities, Security, User Management, Monitoring Applications using different tools

CERTIFICATIONS:

- AWS CERTIFIED DEVELOPER - ASSOCIATE.
- CLOUD COMPUTING – NPTEL

TECHNICAL SKILLS:

Cloud Technologies	AWS, Openstack
Operating System	Ubuntu, Cent OS
Web / App Server	Apache, Tomcat
Version Control Tool	Gitlab
Continuous Integration/Delivery tool	Jenkins
Containerization Tool	Docker
Monitoring Tool	Nagios
Code Quality	Sonarqube
Analytics Tool	Matomo
Bug Tracking Tools	DevForge
Orchestration	Kubernetes
Registry	Nexus

EDUCATION

- Bachelors in Computer Science (CSE) from Sathyabama Institute of Science and Technology.

PROFESSIONAL EXPERIENCE:

Cognizant – Programmer Analyst

INTERSHIP EXPERIENCE:

Jan 19 – Apr 19 - Selected One Among the 600 interns to the Makers challenge that is held on cognizant, As a team Developed a prototype within 3 days. During the internship had a glance on workflow of application from requirements state to production state, taken a presentation on few of the AWS services. Finally worked on Jenkins and created a jobs to build and deploy the same whenever changes have made in GitLab

FULL-TIME EXPERIENCE:

May 19 – Present – Joined in cognizant as a full-time employee on May 2019, made my hands dirty in working on various DevOps tools like Jenkins, Docker, Sonarqube Nagios, Matomo, GitLab, kubernities and clouds like AWS and Openstack.

Responsibilities:

- Worked on creating and managing users and assigning roles in AWS IAM services.
- Creating EC2 Instances based on the user requirement
- Managing Security Groups – Inbound and Outbound traffic
- Elastic Block Storage - Based on the requirement attaching external Volumes to Instances
- Cloud Watch Events to start and stop the Instances at a particular time
- Lambda function to trigger the events
- Created S3 bucket and hosted static Applications.
- cloud trail to monitor the API calls made by the user
- cloud watch for logs and Metrics

- Cognito User pools for login to the Application
- Migration of Snapshots or Images from one region to another region
- Setting up openstack environment on the top of physical Server.
- Creating and Managing the instances in the openstack
- Worked on Application vulnerabilities and Server Vulnerabilities that was generated by Qualys.
- Installing Self-Signed Certificates in the VM.
- Migration of Gitlab from Older version to the newer version.
- Worked on Nexus – Docker Registry to pull images from public Repository and push images to private repository.
- We use LDAP for log-in to the Application only for internal purpose
- Nagios – Installing, configuring and adding all the applications and services to monitor 24/7 and send a mail to the particular if any of the service went down.
- Matomo – Inserted Script on UI to track the users who visit the website
- Docker – written Docker files to containerise both UI and Services.
- Jenkins – On One click Everything Deployed to production Servers from Git
 - First Stage will be handling the cloning of github repo using git credentials.
 - Second Stage will be build using the Docker file.
 - Final Stage will be deploying image to EC2 Servers.
- Migration of Applications from AWS to On-premises
- KubeEdge – Had a glance on KubeEdge framework like how it behaves on the edges.

Declaration

I hereby declare that all the above furnished information is true and complete to the best of my Knowledge.

Place:

Sudheer Babu

Signature: Are