

NAVYA MUPPANEI



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Experience Summary

A creative support professional with 3 years of experience and with a record of increased responsibility. Proficient in prioritizing and completing tasks in a timely manner, yet flexible to multitask when necessary. Customer focused with diverse industry experience including System administration, Implementation of various Cloud Computing environments. Enjoys learning new technologies, programs and processes. A team player who is attentive to detail and able to work in a fast paced environment

- Experience in Amazon Web services Cloud environments
- Working knowledge in implementation and hosting of Cloud infrastructure
- Worked for multiple projects and heterogeneous environments it includes physical and cloud environments
- Experience in Linux and windows platforms
- Good knowledge in Shell scripting, Terraform scripting.

Education and Certifications

Title of the Degree with Branch	College/University	Year of Passing
Master Technology in Electronics & Communication Engineering	G.V.R.S.College of Engineering / JNTUK University	2018

Technical Skills

Cloud Technologies	AWS, Google Cloud
Programming Languages	SQL, Python

Build Tools	Maven, Jenkins, Cloud Build.
DevOps Tools	Docker
Cloud	Amazon Web Services, GCP.
Software Versioning Control	GITHUB
Scripting Languages	Linux - Shell programming
Web/Application Server	Nginx
Database	MySQL, postgres
Operating Systems	Red hat Enterprise Linux, Microsoft Windows

Certifications

- ❖ AWS Certified Solutions Architect: Associate Level (Valid Up to March 2025)

PROJECTS DETAILS:

Project #1

Human Resource Management:

Environment	:	Google Cloud
Webserver	:	Nginx
Operating system	:	Linux
Version control system	:	GITHUB
Deploy & CICD	:	cloud run
Build	:	cloud Build
Images	:	Docker

Description

Human Resource Management is the application of the Employees who are working in the company Musquare Technologies.

Working in the setup of the HRM in the monthly basis.i.e HRM is running in Google Cloud with less cost or Zero cost with the free of credits for that it needs new account setup for every month and app related databases and images needs to upgrade on new features.

Role and Responsibilities

- Create App Engine instances from Google cloud
- Creating volumes and assignment
- Creation and Restoration of Snapshots
- Building Images from running instances.
- Deploy customer applications and databases
- Experience in managing tools like Maven, Jenkins, Docker, GIT, SVN, App Engine, Container Registry Experience in using Web logic Application server.
- Experience in entire SDLC process using JIRA, good understanding on AGILE methodology.
- Working with cloud run for CICD for Automation with proper servers for cost management.

- Deployment of Docker Images in Cloudrun in Google Cloud.

Project #2

<i>Client</i>	Dictionary.comAnalytics
<i>Operating System</i>	Linux/CentOS
<i>Tools</i>	AWS Console
<i>Team Size</i>	4
<i>Role</i>	Team Member
<i>Period</i>	AUG 2021 - May 2022

Project Description

Dictionary Analytics is a custom analytics solution that gives you rich insights into your website traffic and marketing effectiveness. Shows how people found your site, how they explored it, and how you can enhance their visitor experience. With this information, you can improve your website return on investment, increase conversions, and make more money on the web.

Role and Responsibilities

- Migrate dictionary analytics production and QA servers from physical data center to AWS cloud.
- Deploy Hadoop, Hive, Hbase applications on both production cloud servers.
- Install MySQL database servers, configure replication between master and slave.
- Take daily, hive backups of MySQL databases and Hadoop data to AWS S3 bucket.
- Install and configure DRBD, Heartbeat services and setup failover mechanism for production boxes. Deploy scheduler to trigger M/R jobs at specific timings.
- Configure Install and configure RAID/LVM for data redundancy and performance.
- Troubleshoot all the issues related to Linux Operating System and provide support for all production and QA environments.
- Monitor environment with Zenoss monitoring system

Project #3

PCF:

Environment	:	Amazon Web Services
Services	:	Machine Learning-Natural Language Processing
Language	:	python
Deploy	:	Amazon comprehend, sage maker
Usage	:	Entity Recognition.
Roles	:	IAM

Storage : S3
Client : US

Description

PCF is the kind of NLP based project used for Insurance companies.

It is a form filling application-based project like whenever a customer fill the form for the insurance It will automatically saves only the highlighted fields where we already set the entities like name, age, etc....

Aim is to using sage maker to create end to end link with entities for the users and deploy in to the Amazon comprehend and checking the csv files whether required data is getting or not and using S3 service for storing the data

Project #4

Client Harbor Freight (COE Testing)
Operating System Linux/RHEL
Tools AWS Console
Team Size 2
Role Team Member
Period SEP 2022 - JAN 2023

Project Description

COE Testing was to test the Performance of the Application. We hosted their Linux/RHEL server in AWS cloud and implemented the required environment for testing the Performance.

Role and Responsibilities

- Create EC2 instances from AWS console.
- Creating EBS volumes and assignment.
- Building Images from running instances, scratch and from third-party services
- Deploy customer applications and databases.
- Troubleshoot all the issues related to Linux Operating System and provide support for the entire Instances.
- Preparing the cost of Amazon web service used on Daily bases.

SOFT SKILLS:

- Teamwork
 - Critical Thinking
 - Willingness to learn
 - Problem solving
 - Communication
 - Confidence
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