Nagarjuna Jammula

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# SUMMARY

* Consultant with 8+ years of experience in handling Large Enterprise Systems hosted in On-Prem & on Cloud.
* Completed **Post Graduate Program in Cloud Computing** from Great Lakes Executive Learning
* Certified in **AWS Solution Architect** and **SysOps Administrator**.
* Certified in **Hashicorp Terraform Associate**
* **AWS Experience**: Designing & Implementing DPMS – A Serverless architecture Solution for Healthcare Sector, Implemented Team Communication solution, Building an Automated Business Process using Managed Services, Deploying Web app using Docker, ECS Fargate, setting up Big Data Solution using Cassandra, Built AWS CI/CD using Code Commit, Code Build, Code Deploy & automating CI/CD with Code Pipeline.
* **SAP Experience**: Handling Various SAP Products (S/4HANA, Fiori, BW4/HANA, SRM, EP, PO, Cloud Connector, EH&S WWI, Content Server), Major Go-Lives, Post-Go Live support, Release Management, Installations / Upgrades, System Copies, Client Copies, SSL configurations, Web Dispatcher Configurations, ABAP & Java Administration.

# SKILLS

**Application Architecture:** Designing, Implementing, Deploying, Setting up various solutions including Serverless on Public Cloud such as AWS.

**Cloud:** AWS services - ECS, RDS, S3, CloudFront, Route53, EC2, EBS, ELB, IAM, SQS, SNS, Lambda, VPC, Athena, Glue, Security Groups, Auto-Scaling Groups and CloudWatch.

**Cloud Native DevOps:** AWS DevOps, ECS Container hosted on Fargate,

**DevOps:** Terraform, Ansible, Docker

**Big Data:** Cassandra, Dynamo DB, AWS EMR

**Programming Languages**: Python (Basic) | **Scripting Language**: Shell (Basic)

**SAP**: Installations (SAP Java, Add-on, DAA & Host Agent), Upgrades (S/4HANA, SP, SPS, Kernel), System Copies (Java/ABAP), Client Copies (Remote, Local, Export/Import), Java Stack (Dual stack split, Java Deletion, JAVA SSL configuration, Increasing number of Nodes), FRUN & OSS Backbone implementation on Managed Systems.

**HANA DB**: Upgrades, Installations, Uninstallations, Enabling Replication in HA-DR Setup, SSL Configuration, Backup & Recovery, User Administration, SLD Push, License Administration, Troubleshooting issues.

**Oracle DB**: SBP Upgrade, Backup & Recovery, DR Drills, Table Space addition, troubleshooting.

**Other DB**: SAP ASE: Start/Stop, Backups. Max DB: Upgrade, Start/Stop, Data file addition.

# EXPERIENCE

## Cloud4c, Hyderabad *– SAP HANA Consultant*

October 2019 - PRESENT

* Responsible for Planning & Executing various activities such as Upgrades, System/Client copies, Installations, Troubleshooting.
* Responsible for creating internal Standard Operating Procedures.

## Deloitte Consulting USI, Hyderabad *– Business Technology Analyst*

May 2018 - October 2019

* Responsible for Implementation Support & Post Go-Live support for Multiple Customers in US.
* Undertaking Boot Camp sessions on SAP for New Hires.
* Participating in Firm Level Activities (Technical, Non – Technical & Volunteering).

## IBM India Ltd, Hyderabad *– System Engineer*

December 2014 - May 2018

* Plan and Execute SAP EP, ECC, SRM Release maintenance activities, System refreshes, DR Drill, Upgrades, Client-copies.
* Knowledge Transfer sessions for new hires & getting them onboard quickly on Customer Projects.

## PTC India Ltd, Hyderabad *– Relationship Manager*

September 2013 - December 2014

* Assisting Customers in Trading Power on Multiple exchange platforms such as Indian Energy Exchange & Power Exchange of India Ltd.
* Maintaining customer relationship & updating them in various stages of Trading power. Also updating them about changes in Electricity regulations.

## HMM Infra Ltd, Hyderabad *– Business Executive*

November 2012 - August 2013

* Assisting Customers in Trading Power on Multiple exchange platforms such as Indian Energy Exchange & Power Exchange of India Ltd.
* Maintaining customer relationship & updating them in various stages of Trading power. Also updating them about changes in Electricity regulations.

# PROJECTS

* **Project 1: Designing and Implementing a Discharged Patient Management System (DPMS) – A Serverless Solution on AWS**
  + **Objective**: In this Pandemic situation, it is important to monitor health status of Discharged Patients for better Understanding of New Infections and take quick actions.
  + **Role**: Designing & Improvising the Architecture, Provisioning S3+CloudFront using Terraform, built user pool in Cognito and played a key role in Integrating with DPMS Portal
  + **Services used**: Terraform, S3, CloudFront, API Gateway, Lambda, DynamoDB, AWS Batch, SNS, CloudWatch, AWS Cognito, AWS Code Pipeline, Azure DevOps.
  + **Outcome**: Successfully Designed, Built & Implemented DPMS portal by removing overhead of Managing Infrastructure by using AWS Serverless Solutions
* **Project 2: Designing and Implementing a Teams Communication Solution** 
  + **Objective**: Implementing a Team Communication Solution
  + **Challenges Faced**: CIDR Overlap between VPC & Subnets, NAT Instance unable to connect to 80 port - which worked post updating of Security rules.
  + **Services used**: EC2, VPC, Security Groups, NAT Gateway/NAT Instance.
  + **Outcome**: Built a scalable solution that is hosted on Public cloud IaaS solution with its servers, storage completely managed and controlled by our IT Team in accordance to the company's governance and security requirements.
* **Project 3: Building an Automated Business Process using AWS Managed Services** 
  + **Objective**: To create an automated, event based real time process with no manual intervention. Data should flow rapidly from the source to the destination.
  + **Challenges Faced**: Issues with SNS HTTP Endpoint & Access Policy.
  + **Services used**: Amazon S3 with lifecycle policies, SNS, Athena, DynamoDB
  + **Outcome**: An automated real time business process to accept artifacts from customers, transform the data and analyze it to detect any potential anomaly or fraud.
* **Project 4: Deploying web app using ECS Fargate**
* **Objective**: To move and deploy a classical webapp to fully managed AWS ECS Fargate containers
* **Learnings / Observations**: Fargate uses CloudFormation templates in background for creating VPC, Pushing images to Docker Public repository from EC2.
* **Services used**: Docker, ECS, Load Balancer, Fargate
* **Outcome**: Successfully deployed classical webapp to AWS ECS Fargate by accessing our container image from Docker hub.

# ACCOLADES / AWARDS:

* Multiple Appreciation Awards in Cloud4c for successfully handling Go-Live Activities.
* Monitory Award in Deloitte for successfully handling Go-Live Activities.
* IBM Deep Skill Adder award holder for all quarters in the year 2016.
* Multiple Manager Recognition Award in IBM for “Putting the client first”.

**EDUCATION**

## Great Lakes Executive Learning, Hyderabad *- Post Graduate Program in Cloud Computing*

## Jawaharlal Nehru Technological University, Hyderabad *– B.Tech – Electrical & Electronics Engineering*