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Name	**: L N S N Bhargav Chillakanti**
Role	**: Trainee Engineer**

Professional Background

As a Trainee engineer I had around 8 months of experience in AWS services. I got certified as certified AWS cloud practitioner.

Pursued Bachelor's degree in computer science Engineering. I'm a quick learner with good grasping power. Eager to learn and implement my skills.

Key Technologies

AWS Cloud: Having Good Knowledge of compute, storage, networking and database services. Ability to identify which service needs to be used for the requirement. -Services like- EC2, S3, Route 53, EBS, EFS, VPC, cloud watch, cloud trail, SNS, IAM, SQS, Security groups, Load Balancer, Cloud Formation, RDS.

Skills in **Hadoop** administration.

Having Knowledge in Linux, SQL.

Devops Tools: Basic Knowledge in Git & GitHub, Jenkins

Automation: Terraform, Ansible,CloudFormation.

Roles & Responsibilities

- Launched EC2 Instances and connected through EC2 connect or Putty or Git bash and created AMI's volumes snapshots and like attaching and detaching, creating own AMI's.
- Create launch configuration and Auto scaling to provide high availability of EC2 machines.
- Built S3 buckets and managed policies for bucket and used it for storage and backup.
- Elastic File System: Created EFS and attached EFS into those multiple EC2 Instances.
- IAM: Creating IAM Users, Groups, Roles, Policies and attaching Roles to users and Policies to Services.
- AWS Shared Responsibility Model, AWS supporting Plans & Billing Concepts, Cost Optimization.
- Machine Learning: Amazon Polly & Amazon Transcribe and I have basic knowledge on Amazon Recognition and Amazon Translate.
- Cloud Formation: Created Templates for automation purposes in the YAML format.

- Cloud Watch: Created Cloud Watch Alarms for billing & usage notification purposes.
- Networking and Content Delivery: VPC: Knowledge on VPC components, Subnets, IGW, NGW, EIP & Route Tables.
- RDS: Relational database service with MySQL, SQL and serverless with Aurora.
- Automation with Terraform scripts.
- Written Terraform scripts and deployed AWS resources using it.
- Knowledge of Ansible orchestration, how to install ansible and how to manage Playbooks.
- CI/CD using Jenkins
- Setup continuous Integration Jenkins and make use of several plugins that are available to have smooth workflow.
- Make use of maven for building applications and deploying it in Apache Tomcat Server.
- Having good knowledge of Linux Commands and SQL Commands.
- Hadoop ecosystem.
- Fare knowledge and practice on Hadoop.
- Hadoop architecture and HDFS architecture.
- Deamons of Hadoop.

- Certification
- AWS Certified Cloud Practitioner [5NXK0HMCZNVQQ89X]
- Microsoft introduction to Programming Using Python - [validation]