

Yallakara Sai Sanjay

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Summary of Experience!

I began my professional career in the IT industry, where I have gained over 1.8 years of extensive experience. I have been actively engaged in various IT operations, including managing the Service Desk, scripting with Terraform for S3 bucket management, and leading successful SAP to AWS migration projects, demonstrating my ability to effectively execute proof of concept (POC) transitions.

Environments

- I have experience working with **AWS and AWS Migration**, and possess good knowledge of **Python**.
- Additionally, I am familiar with **GitLab CI/CD**.
- **Linux Enthusiast**: Proficient in navigating the command-line interface and familiar with essential Linux operations.
- **Terraform Expertise**: Skilled in writing scripts for infrastructure as code, particularly for S3 bucket management and other AWS resources.

Education

- Bachelor of Technology (B. Tech) in Mechanical Engineering
 - Narayana Engineering College, [Year of Passing: 2022]
 - Aggregate: 70%
- Diploma in Mechanical Engineering
 - Sri Venkateshwara Engineering College, [Year of Passing: 2019]
 - Aggregate: 68%
- Secondary School Education
 - Sri Sai Vidyanekethan High School, [Year of Passing: 2016]
 - CGPA: 9.0

Experience

AWS Cloud Engineer, Sonata Software – Bengaluru , India

- Developed Terraform scripts to provision S3 buckets and implement lifecycle rules
- Managed IAM users, policies, and roles within AWS environments.
- Provisioned and managed EC2 instances, including configuring Inbound and Outbound rules and establishing Bastion hosts for secure access
- Gaining practical experience in creating VPCs, Subnets, Route Tables, Security Groups, NAT Gateways, and Internet Gateways.
- Engineered Glue scripts for efficient data extraction from SAP Hana to AWS S3 Bucket.
- Using Terraform to invoke the CloudFormation script
- Orchestrated data migration to Sagemaker utilizing Python scripts within the Sagemaker instance
- Researched methods for masking Personally Identifiable Information (PII) in HR data stored in Amazon S3.
- Leveraged AWS services including AWS Glue and Databrew for effective PII masking to ensure regulatory compliance
- Established a robust Continuous Integration and Continuous Deployment (CI/CD) pipeline for AWS Glue scripts, integrated with the organization's GitLab repository
- Developed a customized YAML script for executing the CI/CD pipeline for AWS Glue within the GitLab environment.

Certifications

- Obtained AWS Cloud Practitioner Certification
- Certified Python Entry-level Programmer by KODEKLOUD.

Additional Experience And Awards

- Received the DNA award for achieving a perfect score of 100 % in an AWS case study.

Technologies

- AWS
- Python
- Linux
- GitLab CI/CD
- Networking
- Terraform
- Jenkins
- Docker