



SIVARAMAKRISHNA SANIKA

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SUMMARY

Detail-oriented AWS Cloud Engineer with 5 years of relevant experience in designing, developing, and optimizing data pipelines and ETL processes on AWS. Proficient in Python programming and skilled in AWS services including Lambda, Step Functions, EC2, S3, CloudWatch, DynamoDB, Redshift, and Glue. Expertise in creating and managing serverless data architectures and automating cloud infrastructure using AWS CloudFormation. Strong problem-solving skills with a proven track record in data modeling, performance tuning, and ensuring data reliability and high availability. Passionate about leveraging cloud technologies to build scalable, efficient, and innovative data solutions.

EXPERIENCE

Analyst 1 Cloud Engineer,

DXC Technology, Hyderabad, India

- **Led the CloudOps Automation team**, overseeing all internal automation initiatives within the Cloud Operations team to streamline and optimize cloud infrastructure management.
- **Architected and provisioned AWS infrastructure** using CloudFormation, creating a diverse set of templates to deploy and manage AWS resources efficiently.
- **Designed and implemented automation solutions** for generating comprehensive inventory reports across multiple AWS accounts, significantly improving operational visibility and data management.
- **Orchestrated AWS Lambda functions** using AWS Step Functions, integrating with services such as S3, DynamoDB, and SNS to automate data processing workflows.
- **Developed Python scripts** to enhance AWS Lambda functions, optimizing automation workflows and improving process efficiency.
- **Collaborated with AWS engineering teams** to integrate automated data solutions into AWS service offerings, ensuring alignment with best practices and maintaining service reliability.
- **Worked with cross-functional teams** to define data requirements and optimize data pipelines, enhancing performance and aligning with business objectives.
- **Delivered AWS automation solutions** that resulted in a 40% reduction in ServiceNow incidents and a 30% decrease in incident resolution time, providing critical diagnostic information to improve operational efficiency.

SKILLS

- **AWS:** Lambda, Step Function, EC2, VPC, S3, IAM, CFT, CloudWatch, CloudTrail, Cost Explorer, Simple Email Service, Secret Manager, Amazon Event Bridge etc.,
- **Scripting Languages :** Python, SQL and ShellScript.
- **Version Control System:** GitHub and Bitbucket

CERTIFICATIONS

- AWS Certified Solutions Architect - Associate 636436Z1VE41123Y
- AWS Certified Cloud Practitioner 6F3K9SELFN41QG5G
- AZ-900 Microsoft Azure Fundamentals I589-4199
- Lean Six Sigma Green Belt and Yellow Belt

EDUCATION

Malla Reddy College of Engineering and Technology, Hyderabad, TG, 2021
B.tech: Electronics and Communication Engineering

REWARDS AND ACHIEVEMENT

- Received quarterly Champs Awards and half-yearly Collaborators Award.
- Received multiple internal recognition awards(Emerald Award, Ruby Award)
- Participation Certificate for ITO Cloud Innovation Hackathon.
- Published many success stories for completed projects
- Published a blog in AWS which got approved by DXC marketing team and AWS. <https://aws.amazon.com/blogs/apn/simplify-workload-monitoring-using-amazon>