



SIVARAMAKRISHNA SANIKA

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SUMMARY

Skilled AWS Python Developer with 3+ years of experience in designing, developing, and deploying scalable applications on AWS. Proficient in Python programming and AWS services including Lambda, Step function, EC2, S3, CloudWatch and DynamoDB, SNS and SQS. Expertise in creating serverless applications, automating cloud infrastructure with AWS CloudFormation. Strong problem-solving skills and a track record of optimizing performance and ensuring high availability. Passionate about leveraging cloud technologies to drive innovation and deliver robust, efficient solutions.

EXPERIENCE

ANALYST I CLOUD ENGINEERING, 06/2021 - Current

DXC Technology, Hyderabad, India

- Lead the CloudOps Automation team, directing and spearheading all internal automation initiatives within the Cloud Operations team.
- Architected and provisioned infrastructure using AWS CloudFormation, authoring a variety of templates for comprehensive AWS resource deployment.
- Implemented Amazon SNS for real-time notifications and alerts, streamlining incident management by ensuring prompt communication of critical events to stakeholders and reducing response times.
- Orchestrated AWS Lambda functions utilizing AWS Step Functions, integrating seamlessly with other AWS services such as S3, DynamoDB, and SNS.
- Developed Python scripts for AWS Lambda functions, optimizing automation workflows and process efficiency.
- Collaborated with the AWS Engineering Team to integrate automated solutions into AWS service offerings, ensuring adherence to best practices and service reliability.
- Developed and managed SQS queues to optimize message handling and workflow orchestration within automation processes, enhancing reliability and scalability across the CloudOps infrastructure.
- Partnered with cross-functional teams to capture data requirements and enhance pipeline performance, 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 by providing critical diagnostic information.

SKILLS

- **AWS** : Lambda, Step Function, SNS, SQS, EC2, VPC, S3, IAM, CFT, CloudWatch, CloudTrail, Cost Explorer, Simple EmailService, Secret Manager, Amazon Event Bridge etc.,
- **Scripting Languages** : Python and Shell Script.
- **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>