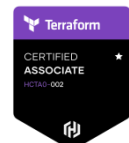


ASMITA SURUCHI



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Location: Bengaluru (Karnataka, India)

Profile: www.asmitasuruchi.com

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PROFESSIONAL SUMMARY:

Senior AWS Python Developer with 6.5 years of IT experience specializing in cloud-native solutions, serverless architectures, and data analytics. Expertise in designing and deploying scalable systems using AWS services (Lambda, EMR, DynamoDB, Redshift) and Python frameworks and libraries including Boto3, Pandas, and NumPy. Recognized for leading technical initiatives, mentoring teams, optimizing documentation, and reporting through Git, Confluence, and delivering enterprise-grade solutions across the Banking and Insurance domains.

TECHNICAL SKILLS

Cloud Platforms:

AWS (Lambda, Step Functions, EMR, DynamoDB, Redshift, Glue, S3, IAM, CloudFormation, CloudWatch/EventBridge, SNS, SQS, SSM Parameter, RDS)

Programming Languages:

Python, SQL, JavaScript, HTML, CSS, Shell Scripting, Unix/Linux, VBA, VBScript

Python Libraries and Frameworks:

Boto3, Pandas, NumPy, Django, psutil, subprocess, smtplib, csv

Data Engineering and Analytics:

ETL Pipelines, Data Processing, Data Analytics, Excel Automation, Amazon QuickSight

Methodologies and Tools:

Git, Agile, Scrum, JIRA, Confluence, Terraform, ServiceNow

PROJECTS:

Portfolio Website: Portfolio website to showcase professional achievements (www.asmitasuruchi.com)

Responsive portfolio website to showcase technical expertise, professional experience, and projects

Shopping Category Analysis: Data analytics solution for shopping category analysis ([project link](#))

Python and AWS based data analytics solution using Pandas and cloud storage services to ingest, process, and analyze shopping category data for trend insights

Disk Space Usage Script: Utility for monitoring disk space usage ([project link](#))

Cross-platform Python utility to monitor disk utilization across Unix and Windows systems

PROFESSIONAL EXPERIENCE:

Software Engineer Senior Analyst

Accenture Solutions Pvt. Ltd. | Banking and Insurance | October 2020 – June 2022

- Architected and deployed end-to-end cloud-based PII data processing framework integrating AWS Lambda, EMR, Step Functions, and DynamoDB, processing 500K+ records daily with 99.9% accuracy.
- Delivered event-driven serverless workflows using S3–Lambda integrations, creating Python-based Redshift reconciliation scripts and improving data governance through S3 versioning and lifecycle rules, reducing manual processing by 80%.

- Oversaw AWS resource deployment using CloudFormation Templates (CFT), scheduled & debugged jobs via EventBridge/CloudWatch, and applied comprehensive monitoring solutions.
- Actively contributed to Scrum meetings by translating business requirements into functional and technical designs while supporting JIRA story execution and Python script troubleshooting & enhancements.
- Developed EMR boot scripts and object-oriented Python/Unix automation, and maintained comprehensive documentation in Confluence and Git.
- Provided mentorship and led knowledge-sharing sessions to strengthen team capabilities.

Software Engineer

Accenture Solutions Pvt. Ltd. | Banking and Finance | July 2019 – October 2020

- Designed and executed multi-region ETL solution for different regions like Asia Pacific etc, processing 2M+ daily transactions across AWS Redshift, Glue, and RDS.
- Automated data ingestion pipelines using Python, Pandas, and NumPy, significantly improving overall data processing efficiency.
- Managed database table updates and deployment with AWS STS, Assume Role with SAML and CLI.
- Automated log tracking and report generation/validation in QuickSight, and enhanced Python scripts with CRUD SQL integrations to streamline issue notifications.

Application Developer

IBM India Pvt. Ltd. | Banking and Finance | November 2015 – June 2019

- Implemented supervised-learning-based email categorization in Python, reducing manual triage effort by 70%
- Developed a daemon-based, event-driven monitoring solution for task scheduling and real-time trend analytics, visualizing system health through custom dashboards.
- Created event driven validation scripts using Python, SQL, VBA, and VBScript, eliminating 20+ hours of weekly manual checks.
- Provided 24/7 production support for 100+ Wealth Management applications, maintaining 99.8% uptime.
- Documented flowcharts and procedures in Confluence, managed Bit Bucket Server repositories.

ACADEMIC DETAILS:

Bachelor of Technology in Electronics and Communication Engineering

Rajasthan Technical University (RTU), Rajasthan, India | Graduated with Honors, 2015

CERTIFICATIONS:

- AWS Certified Developer – Associate
- Microsoft Certified: Azure Fundamentals
- Hashi Corp Certified: Terraform Associate
- AWS Knowledge: Cloud Essentials

AWARDS/RECOGNITIONS

- February 2022 : Leadership Recognition Award (Redshift Data Reconciliation Framework)
- December 2021 : Accenture Celebrates Excellence (ACE) Award
- July 2021 : Leadership Recognition Award
- February 2021 : PINNACLE Award
- November 2020 : Super Dexterous Award (Cloud File Processing Framework)
- November 2017 : Manager's Choice at account level
- August 2016 : Manager's Choice Award at project level