

Sachin Kumar Saini

AWS Solution Architect – Associate | Data Engineer

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Summary

3+ years experienced in data engineering over AWS. Worked on multiple projects on several technologies including ETL pipelines, Data analysis/visualization over AWS. Certified as AWS Cloud Solution Architect-Associate and Cloud Practitioner. Seeking to leverage solid skills in field of cloud/data engineering and software development.

Technical Skills

AWS Services

EC2, S3, RDS, DynamoDB
EMR, Lambda, Redshift

Languages/Scripts

Python, SQL, Unix Shell Script

Databases

Oracle 12c, 19c, MySQL

Other Tools

SAP BO 4.2, Spark, GitHub

Projects #1

*Confidential

AWS Data Engineer

Capgemini India, Mumbai

2018 – Present

Worked as AWS Cloud Engineer for European client. Below are my activities and skills required within this project.

- AWS Certified Solution Architect-Associate and Cloud Practitioner.
- 3+ years of experience in Cloud Native data engineering.
- Well versed with AWS Services like EC2, S3, RDS, Lambda, VPC, EMR, Redshift.
- Part of Development team - ETL Pipeline creations, data flow from S3 to Redshift through EMR.
- Data flow creation – loading data from S3 to DynamoDB using Lambda.
- Using Athena, analyzing the S3 buckets data using SQL.
- Well versed with creating highly available and fault tolerant architecture using ELBs and ASG.
- Knowledge of configuring network architecture on AWS with VPC, Subnets, Internet Gateway, NAT and Route Table.
- Part of POC creation team to demonstrate the migration of client wholesale portal to AWS.
- Well versed with concept of maintaining performance and setting up monitoring using Cloud Watch.
- Knowledge of CI/CD Pipelining within AWS and deployment tools like Jenkins and GitHub.

Environments:

Tools used – AWS Services, Shell, SQL, Python

Projects #2

Netbase – Telia Company, Sweden

2018

Business Report Developer | Data Visualization

Worked as SAP BO Report developer and automation engineer for the ETL cluster Netbase; client – Telia Company Sweden. Below are my major activities that I perform inside the project:

- Having experience of developing multiple business reports by analyzing data using SAP BO.
- Involved in analyzing, documenting business and functional requirements for developing universes and reports.
- Point of contact of user queries related to reports.
- Responsible for root cause analysis and debugging of production report data/server/user management issues.
- Experienced in writing and understanding SQL code.
- Performing and managing major administrative activities using CMC, like Deployment of reports into production, handling BO User Groups, Access management, Organizing Objects, promotion management.
- Well acquainted with Universe design tool (UDT/IDT).
- Working as Incident Manager to handle and monitor incident tickets raised in system, maintaining SLA of more than 95%, along with presenting weekly status report to customer.
- Well versed with performance tuning of BO Reports, SQL queries and Universes at report and database level.
- Automated repetitive task like – daily monitoring, created file checker job and updated tables having year-wise data using Python to save redundant efforts.

Environments:

- ETL Tool - Informatica PowerCenter v10.1.1
- Database – Oracle 12c, 19c, MySQL
- Reporting tool – SAP BusinessObjects 4.2 (Web Intelligence, UDT, CMC), Qlik Sense v13
- Scripting Languages – Shell Script, Python v3
- Incident Management Tool – BMC Remedy

Achievements

- Awarded with 'Rising Star' award for solely handling the BO Upgrade (v4.2) Testing activity within Project.
- Awarded with 'Xtra Mile' award for finding out the possible areas of automations within project and implementing them to increase business delivery and for taking responsibility of handling client meetings to deliver solutions in an effective manner.
- Received "Automation Practitioner" certificate from Capgemini.
- Performing the role of Incident Manager for team, major task is to monitor incidents ticket raised and resolving them while maintaining SLA of more than 95%.
- Received multiple appreciation from Client and business leads (Capgemini) for enhancing the delivery by implementing BusinessObjects solutions.
- Led the 'User Access Control Activity' for Client.

Certificates

- **AWS Solution Architect - Associate**

Credential ID: DJLX266BC24EQH9C

- **AWS Cloud Practitioner**

Credential ID: LRKND562NE111V9C

- **Automation Engineer Foundation**

Capgemini, Mumbai

Professional Experience

Capgemini Technology Services India Limited

2018 – Present | Mumbai, India

Associate Consultant

Education

GLA University, Mathura

2014-2018 | Mathura, India

Bachelors of Technology