NITHIN SANKAR BAHUNADAM

Data Analyst | Azure & AWS Specialist | SDET/ETL Tester

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SUMMARY

Data Analyst/SDET with 8+ years of experience delivering actionable insights and scalable analytics solutio

CORE TECHNICAL SKILLS

Cloud & Infra: Azure, AWS, GCP (basic), Terraform, ARM Templates, GitHub Actions
Business Analysis: Requirements Gathering, Process Mapping, User Stories, Functional Specs
Collaboration: Agile/Scrum Ceremonies, Stakeholder Engagement, Cross-Functional Coordination
Data Orchestration: Airflow, Azure Data Factory, Step Functions, Delta Live Tables
Visualization & BI: Power BI, Tableau, DBT, Sigma
DevOps & IaC: CI/CD, Docker, Kubernetes, Git, REST API, CloudFormation
Testing & Automation: Java, Selenium, SoapUI, Jenkins, JIRA, ALM, SQL (ETL Testing), Backend Testing,
Databases: SQL Server, Oracle, DB2, MongoDB, Redshift, Snowflake

CERTIFICATIONS

AWS Certified Data Engineer – Associate (2025)
Microsoft Certified: Fabric Data Engineer – DP-700 (2025)

PROFESSIONAL EXPERIENCE

Senior Data Engineer | Zoetis | Parsippany, NJ | Apr 2024 – Present
* Engineered scalable cloud-native data pipelines using Azure Data Factory and Databricks, enabling high-th
* Partnered with product owners and technical SMEs during daily standups to define, refine, and document
* Operationalized ML pipelines by deploying PySpark MLlib models via FastAPI APIs, enabling sub-second
* Collaborated cross-functionally to align project scope with organizational KPIs and compliance goals, ensu
* Delivered interactive Power BI dashboards with advanced DAX and RLS configurations, increasing data ac

Data Engineer | Fifth Third Bank | Cincinnati, OH | Jun 2023 – Mar 2024
* Engineered scalable ETL pipelines using AWS Glue, Lambda, and Step Functions, seamlessly integrating
* Developed low-latency data streams using Apache Kafka and Spark, handling millions of financial transact
* Deployed ML models via Flask APIs to production environments, supporting real-time customer behavior in
* Automated infrastructure with AWS CloudFormation and integrated CI/CD pipelines in GitHub, reducing de
* Optimized Snowflake data warehouses using materialized views and clustering, improving query performar

Data Analyst | PNB MetLife Insurance | Mumbai, India | Oct 2021 – Apr 2023
* Built event-driven analytics pipelines using Azure Stream Analytics and Synapse SQL Pools, delivering rea
* Designed and executed A/B testing strategies leveraging Google Analytics and campaign metadata, improc
* Built interactive Tableau dashboards using LOD expressions and Tableau Prep to visualize performance K
* Automated data cleansing and transformation workflows in SQL and PL/SQL, reducing manual interventior
* Led customer segmentation and performance optimization through advanced statistical modeling in Pythor

Data Analyst | Aditya Birla Retail | Mumbai, India | Jul 2017 – Sep 2021
* Built and optimized AWS data pipelines using S3, Redshift, and Python ETL, enabling scalable processing
* Migrated legacy retail data systems to AWS Redshift, reducing query execution time by 30% and enhancin

* Led data quality audits and implemented governance processes, improving data reliability for downstream
* Developed Tableau dashboards and mentored junior analysts, reducing manual reporting time by 60% and

PROJECT HIGHLIGHTS
* Designed and deployed real-time ML inference APIs using FastAPI and PySpark MLlib, enabling sub-seco
* Architected Delta Live Tables and Medallion Architecture in Databricks to build PII-compliant, scalable data
* Led end-to-end migration of on-premises data workloads to Azure (Data Lake + Synapse + Databricks), op

EDUCATION
M.S. in Big Data Analytics & IT – University of Central Missouri, USA | May 2023 – May 2025
B. Tech in Computer Science – GITAM University, India | June 2014 – May 2018

SOFT SKILLS & LEADERSHIP
Agile Execution
Stakeholder Collaboration
Mentoring
Strategic Thinking
Analytical Problem Solving
Documentation & Knowledge Sharing
Cross-Functional Leadership
Communication Skills