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 solution

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
1) Engineered scalable cloud-native data pipelines using Azure Data Factory and Databricks, enabling high-
2) Partnered with product owners and technical SMEs during daily standups to define, refine, and document
3) Operationalized ML pipelines by deploying PySpark MLlib models via FastAPI APIs, enabling sub-second
4) Collaborated cross-functionally to align project scope with organizational KPIs and compliance goals, ens
5) Delivered interactive Power BI dashboards with advanced DAX and RLS configurations, increasing data a

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

• Data Analyst | PNB MetLife Insurance | Mumbai, India | Oct 2021 – Apr 2023 *(Highlight SQL and Data Va
1) Built event-driven analytics pipelines using Azure Stream Analytics and Synapse SQL Pools, delivering re
2) Designed and executed A/B testing strategies leveraging Google Analytics and campaign metadata, impro
3) Built interactive Tableau dashboards using LOD expressions and Tableau Prep to visualize performance
4) Automated data cleansing and transformation workflows in SQL and PL/SQL, reducing manual interventio
5) Led customer segmentation and performance optimization through advanced statistical modeling in Pytho

• Data Analyst | Aditya Birla Retail | Mumbai, India | Jul 2017 – Sep 2021 *(Highlight SQL skills here as well)
1) Built and optimized AWS data pipelines using S3, Redshift, and Python ETL, enabling scalable processing
2) Migrated legacy retail data systems to AWS Redshift, reducing query execution time by 30% and enhanci
3) Led data quality audits and implemented governance processes, improving data reliability for downstream
4) Developed Tableau dashboards and mentored junior analysts, reducing manual reporting time by 60% an

PROJECT HIGHLIGHTS

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

EDUCATION

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

SOFT SKILLS & LEADERSHIP

o Agile Execution
o Stakeholder Collaboration
o Mentoring
o Strategic Thinking
o Analytical Problem Solving
o Documentation & Knowledge Sharing
o Cross-Functional Leadership