

NITHIN SANKAR BAHUNADAM

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

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SUMMARY

Data Analyst and SDET/ETL Tester with 8+ years of experience delivering actionable insights and scalable a

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: Selenium/Java, SQL (complex queries), Jenkins, ETL Testing, Backend Testing, Def

Databases: DB2 (preferred), MongoDB (preferred), Redshift, Snowflake, Synapse SQL

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.
- 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

- 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, impr
- 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

- 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-second inference
- o Architected Delta Live Tables and Medallion Architecture in Databricks to build PII-compliant, scalable data pipelines
- o Led end-to-end migration of on-premises data workloads to Azure (Data Lake + Synapse + Databricks), optimizing costs and performance

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, Strategic Thinking
- o Analytical Problem Solving
- o Documentation & Knowledge Sharing
- o Cross-Functional Leadership