

NITHIN SANKAR BAHUNADAM
SENIOR DATA ENGINEER / DATA ANALYST
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Phone no: 913263

PROFESSIONAL SUMMARY:

- Senior Data Engineer/Data Analyst with 7+ years of experience designing, developing, and optimizing large
- Expertise in migrating SQL databases to Azure Data Lake, Azure Synapse Analytics, and Databricks, ensu
- Proven ability to collaborate with Data Science teams to prepare and optimize data for AI/ML modeling, tra
- Skilled in cloud security and access management, configuring AWS IAM, Snowflake RBAC, and Azure role
- Developed and optimized real-time analytics solutions using Azure Stream Analytics and AWS Lambda, int
- Hands-on experience building scalable serverless solutions using Azure SQL pools in Synapse Analytics, i
- Proficient in ETL development using Azure Data Factory, AWS Glue, and Informatica PowerCenter, enablin
- Proficient in statistical analysis using Python (Pandas, NumPy), R, and SAS, applying regression, clusterin

TECHNICAL SKILLS:

Programming Languages Python, Java, R, SQL, T-SQL, PL/SQL

Cloud Platforms Azure, AWS

Data Warehousing Azure Synapse Analytics, Snowflake, Amazon Redshift, Oracle, MySQL, PostgreSQL, S

Big Data Processing Hadoop, Spark, PySpark, MapReduce, HDFS, YARN, Hive, Pig, Impala

Data Engineering Data Factory, Glue, Informatica PowerCenter, Talend, SSIS, Databricks, Terraform, ARM

Data Streaming Apache Kafka, Spark Streaming, Apache Flume, Stream Analytics, Kinesis

Database Technologies SQL, PostgreSQL, MySQL, Oracle, SQL Server, Cassandra, MongoDB, HBase, Dy

BI & Visualization Power BI (DAX, RLS), Tableau (LOD, Prep), Google Analytics, SAS Visual Analytics

Statistical Analysis Regression, Clustering, Hypothesis Testing, A/B Testing (Google Analytics, IBM SPSS, S

Cloud Security & Access Management AWS IAM, Azure RBAC, Snowflake RBAC, OAuth2

Workflow & Orchestration Apache Airflow, AWS Step Functions, Oozie, Control-M

DevOps & Version Control Git, GitHub, GitLab, Jira, Confluence, Bitbucket, CI/CD, Jenkins, TeamCity, Bam

Excel & Office Tools Advanced Excel (Pivot Tables, VLOOKUP, INDEX-MATCH), Microsoft Word (Technica

PROFESSIONAL EXPERIENCE:

Client: Zoetis, Parsippany, NJ

April 2024 – Pr

Role: Senior Data Engineer/Data Analyst

Responsibilities:

- Migrated SQL databases to Azure Data Lake Analytics, SQL Database, and Azure Databricks, resulting in
- Developed and optimized ETL workflows in Azure Data Factory to extract, transform, and load data into Az
- Implemented Delta Lake in Azure Databricks for efficient data storage, ACID transactions, and schema enf
- Designed, maintained, and optimized Informatica PowerCenter mappings and workflows, resulting in a B%
- Performed feature engineering with Python (Pandas, NumPy) for AI/ML model development, resulting in C
- Engineered Spark SQL and Spark Streaming solutions to process batch and real-time data, leveraging par
- Leveraged PySpark MLlib for predictive modeling and clustering, enabling advanced analytics and busines
- Developed and maintained scalable data pipelines using Apache Airflow DAGs, automating workflows for e
- Optimized Snowflake query performance by implementing advanced techniques like clustering, caching, ar
- Implemented Row-Level Security (RLS) and role-based access controls in Power BI, ensuring compliance

[Continue this format for the remaining experience entries, quantifying achievements and incorporating keyw

CERTIFICATIONS:

- AWS Certified Data Engineer
- Designed and Azure Data Engineer Associate
- SnowPro Core Certified

EDUCATION:

Masters in Bigdata Analytics and Information Technology
University of Central Missouri, Warrensburg, MO

May 2023 – May 2024

BTech in Computer Science and Engineering
GITAM University, Visakhapatnam, India

June 2014 – May 2018