NITHIN SANKAR
SENIOR SOFTWARE AUTOMATION ENGINEER / SDET

SUMMARY
Experienced and results-driven Senior Software Automation Engineer/SDET with over 7 years of success de

CONTACT

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CORE COMPETENCY
Cloud-Native Data Engineering | Backend/ETL Testing | Java/Selenium Automation | SQL Querying | Jenkin

CERTIFICATION

AWS Certified Data Analytics - Specialty | 2025
Microsoft Certified: Fabric Data Engineer - DP-700 | 2025

TECHNICAL SKILLS

Azure Data Factory (ADF)
AWS Glue
Apache Spark / PySpark
Databricks
SQL & T-SQL, PostgreSQL
Azure Synapse Analytics
Amazon Redshift
Apache Airflow
Power BI / Tableau
Azure DevOps / GitHub
Kubernetes, Docker containers
Apache Kafka / Event Hubs
Snowflake
Lambda / Azure Functions
CloudFormation / ARM Templates
REST API Development (FastAPI / Flask)
Java
Selenium
Jenkins

EXPERIENCE
Zoetis, Parsippany, NJ
Senior Data Engineer APRIL 2024 - PRESENT

* Designed and deployed cloud-native pipelines using Azure Data Factory, Databricks, and Java-based auto
* Migrated legacy SQL databases to Azure Data Lake and Synapse, resulting in 30% performance gains and
* Enabled real-time, event-driven analytics by integrating Spark Streaming, Kafka, and Flume, empowering f

* Operationalized predictive models using PySpark MLlib and deployed them with FastAPI and Java-based s
* Automated and orchestrated complex ETL workflows using Apache Airflow and Jenkins, enforcing enterpri
* Developed and automated testing for backend ETL processes using Java, Selenium, and SQL, ensuring da

Fifth Third Bank, Cincinnati, OH
Data Engineer JUNE 2023 - MAR 2024

* Engineered scalable ETL pipelines using AWS Glue, Lambda, Step Functions, and Java, enabling seamles
* Built and optimized real-time data streams with Apache Kafka and Spark, supporting low-latency processin
* Deployed machine learning models via Flask APIs and Java services, ensuring smooth integration with pro
* Automated infrastructure provisioning using AWS CloudFormation, Jenkins, and Java scripting, integrating
* Designed and maintained Snowflake data warehouses, boosting query performance and scalability throug

PNB MetLife Insurance, Mumbai, India OCT 2021 - APR 2023
Data Analyst

* Built event-driven analytics pipelines using Azure Stream Analytics and Synapse SQL Pools, delivering rea
* Conducted advanced statistical modeling with Python, SPSS, and Google Analytics, resulting in optimized
* Designed interactive Tableau dashboards and mentored interns on SQL and data tools, driving self-service

Aditya Birla Retail, Mumbai, India JUL 2017 - SEP 2021
Data Analyst

* Built and optimized AWS-based data pipelines using S3, Redshift, and Python ETL, enabling scalable proc
* Developed Tableau dashboards and mentored junior analysts, enhancing reporting efficiency and team cap

EDUCATION

May 2023 – May 2025
UNIVERSITY OF CENTRAL MISSOURI, WARRENSBURG, MO
Master of Science in Big Data Analytics & Information Technology

June 2014 - May 2018
GITAM UNIVERSITY, VISAKHAPATNAM, INDIA
Bachelor of Technology in Computer Science & Engineering

SOFT SKILLS

Leadership & Team Mentorship
Project Management & Prioritization
Cross-Functional Collaboration
Problem Solving & Analytical Thinking
Communication (Technical & Non-Technical)
Stakeholder Management
Agile & Scrum Methodology
Strategic Thinking & Solution Design
Documentation & Knowledge Sharing
Decision-Making Under Pressure

REFERENCE

Sai Chaitanya Bonadada
Lead Data Engineer at Mastercard
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Email: saichaitanya.bondada@mastercard.com

LANGUAGES

English (Fluent)
Hindi (Fluent)