LOHIT INGUVA

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Cloud and data engineering professional with 9+ years of experience delivering enterprise-scale, cloud-native data pipelines and integrations. Specialized in building end-to-end data platforms using Azure Data Factory, Azure Databricks, SAP Datasphere and SAP S/4HANA. Skilled at designing secure, high-performance ETL processes, orchestrating complex data flows, and collaborating with cross-functional teams to transform business requirements into scalable data products.

LANGUAGES

ABAP
HANA SQL
Python
JavaScript

ERP

S4 HANA
1909/2020/2021/2022
SAP BW4HANA, BW 7.5

DATABASES

Azure SQL DB
HANA DB

REPORTING

Bex Analyzer
Query Designer
Tableau
Microsoft Power BI
QlikSense/QlikView

PROJECT MANAGEMENT

Agile Methodology
SDLC

CERTIFICATIONS

Azure Cloud Fundamentals (AZ-900)
AWS Certified Data Engineer - Associate

EDUCATION

Campbellsville University, Kentucky
Hybrid Course - Master of IT and Management, Aug 2021

State University of New York, Buffalo
Master of Science in Electrical & Computer Engineering, March 2017

PROFESSIONAL EXPERIENCE

Senior Data Engineer | Nike — June 2018 – Present

- Architected scalable SAP cloud solutions (Data Intelligence, CPI/BTP) for seamless integration with AWS S3 and Kafka, improving data accessibility by 40%.
- Automated SAP Data Intelligence processes using Python scripts and APIs, boosting efficiency by 30%
- Automated data transfer triggers through Autosys->Airflow->Databricks from SAP BW/4 Hana to the AWS S3 buckets in delta format for finance and non-finance tables, resulting in an 80% reduction in data transfer time and improved data availability.
- Processed 1billion+ rows of data (terabyte to petabyte size of data) within a few hours, demonstrating scalability and efficiency in handling large data.
- Designed batched data egress from S/4HANA to BW/4HANA via SLT and to Kafka via Data Intelligence, optimizing resource use and fault tolerance.
- Architected scalable SAP cloud integrations with Azure Blob Storage, Azure Data Factory, and Azure SQL DB, improving data accessibility by 40%.
- Co-innovated with SAP product teams, optimizing tool functionalities and contributing to the release of robust product updates.
- Led data integration initiatives, enabling real-time data transfer from SAP S/4HANA to Kafka system, reducing data loading times by 40%.
- Implemented automated data validation in SAP Data Intelligence, reducing discrepancies by 95% and enhancing reporting accuracy.
- Optimized system performance, reducing report generation times by over 60% through refined ABAP code and efficient usage of SAP HANA capabilities.
- Contributed to a 25% improvement in system reliability through meticulous root cause analysis and strategic ABAP enhancements in the error handling process.
- Automated SAP Data Intelligence tenant hibernation, saving $100–200K annually across landscapes.
- Developed and implemented cloud-based monitoring and alerting for SAP applications, improving response times to critical system issues by 30% through proactive incident management.
- Mentored junior developers in SAP best practices, improving team productivity by 20%.
- Collaborated with stakeholders to align SAP solutions with business goals, ensuring 100% project adoption.

SAP BW Consultant | **FPL** — March 2017 – April 2018

- Enhanced SAP process chain performance by 50% through the optimization of ABAP code, contributing to improved financial reporting on intercompany trades.
- Managed problem and change tickets, ensuring high system reliability and user satisfaction during critical operations.
- Performed regression and unit testing for new SAP BW solutions, assuring quality control in a pre-production environment. Accelerated the delivery of key financial reports by 35% through efficient redesign of existing SAP BW models.
- Played a pivotal role in the project that resulted in a 30% reduction in ETL (Extract, Transform, Load) processing times by optimizing data load processes.
- Successfully executed SAP SLT configuration for real-time replication; subsequently reducing data latency by over 50%.
- Led a critical system upgrade that led to a 20% enhancement in overall system stability and user experience through effective test case design and implementation.
- Facilitated end-user training programs that increased company-wide adoption rates of new SAP features by 40%.