

Balaji Nagesh

+919677278742 | balaji.nagesh12@gmail.com | www.linkedin.com/in/balaji-nagesh-abb659126

SUMMARY

Experienced ETL Developer with 7 years in ETL processes, Unix, SQL and Python for data processing. Skilled in designing robust ETL solutions (batch and continuous), automating tasks, and optimizing data workflows for enhanced business intelligence.

EDUCATION

Anna University, Chennai, India

Bachelor of Engineering in Electronics and communication

Aug 2012 – April 2016

EXPERIENCE

Black Buck Insights, Chennai, India

Lead Data Engineer

(Client – TransUnion, Project – Universal Fulfillment Online Rise)

Jan 2024 – Present

- Led the migration of ETL processes to AWS, ensuring a seamless transition to cloud infrastructure.
- Utilized AWS services to enhance scalability, reliability, and cost-efficiency of data processing operations.
- Implemented encryption protocols for logs and Personally Identifiable Information (PII) data to ensure compliance with security standards.
- Managed, stored, and retrieved sensitive information and secrets using Holocron Vault to maintain security and compliance.
- Visualized Kafka message data in Tableau to generate actionable insights, improving decision-making processes.

Consultant

(Client – TransUnion, Project – Universal Fulfillment Online)

Dec 2020 – Dec 2023

- Developed and maintained continuous ETL processes using Ab Initio to manage data in XML, JSON, and fixed-length formats.
- Ensured accurate and timely analysis for credit reports, fraud detection, and property reporting, enhancing operational efficiency.
- Implemented integration solutions with Apache Kafka to facilitate real-time messaging.
- Connected with third-party service providers using RPC and REST API calls to fetch property and employee information.
- Actively participated in Agile sprints, contributing to the iterative development and continuous improvement of ETL processes.

- Collaborated with cross-functional teams to ensure timely delivery of project milestones and enhancements.
- Analyzed and redesigned existing ETL processes to improve response times and overall performance.

ITI Data, Chennai, India

Analyst

(Client – Citi, Project – Security Master Central)

Feb 2017 – Nov 2020

- Developed an ETL data pipeline using Ab Initio to extract data from multiple vendors.
- Performed data pre-processing and applied business transformation rules.
- Loaded processed data into multiple schema tables, ensuring data integrity and accessibility.
- Modified Data Definition Language (DDL) and Data Manipulation Language (DML) of tables based on Business Analyst requirements.
- Created triggers for Oracle SQL tables to support the daily execution of ETL jobs, ensuring data consistency and operational efficiency.
- Created scripts to automate the generation of disk usage reports and monitor physical and virtual memory consumption.
- Implemented daily monitoring across development and pre-production servers, enhancing resource management and system performance.
- Implemented rigorous data validation and quality checks to maintain high standards of data accuracy and reliability.

2CQR Automation, Chennai, India

RF Engineer

June 2016 – Feb 2017

- Designed and built high-frequency (HF) and ultra-high-frequency (UHF) RF antennas.
- Implemented these antennas for automation systems aimed at preventing theft in libraries and jewelry stores.
- Development and integration of RF antennas with embedded circuits to enhance library operations to automate book return and self-checkout processes, optimizing efficiency and user experience.

SKILLS

ETL & Workflow Orchestration: Ab initio, Metadata Hub, Control Centre, Autosys.

Languages: Python, SQL, Unix Shell Scripting, Java. Embedded C.

Big Data: Kafka, HDFS, Py Spark.

Cloud: Amazon Web Service.