Jairam Marndi

+1-716-986-1123 | jairammarndi@gmail.com | https://www.linkedin.com/in/jairam-marndi/

CAREER OBJECTIVE

Results-driven Data Engineer with 6.5 years of experience in ETL and ELT pipeline construction. Committed to delivering high-quality code within real-time environments, maintaining standards, and contributing to Agile planning.

PROFESSIONAL EXPERIENCE

Specialist Data Engineer, LTIMindtree, India   Jun 2022 - Jan 2023
- Crafted complex SQL and PL/SQL queries on the data collected from different file types to staging tables.
- Developed and enhanced jobs by 30% by adding new functionality of data retrieval in Talend jobs.
- Scheduled Talend job using Control-M resulted in automating reporting which boosted performance by 40%.
- Managed and maintained 100+ data pipeline processing 100,000+ banking transactional data.
- As a Team Lead, I utilized Agile methodology to effectively assign and oversee tasks, gather client requirements, and monitor progress alongside my team.

Application Development Senior Analyst, Accenture, India   Dec 2021 - Jun 2022
- Increased system efficiency by 20% by optimization of ETL pipelines, enabling seamless transfer of 500,000+ raw material and invoice data from diverse sources (CSV, Oracle DB, flat files) into a Apache HBase database.
- Designed and model highly optimized data model for a bank customer onboarding application resulting in a 25% improvement in query performance for analysis.
- Crafted complex SQL codes, involving multiple tables, to facilitate advanced data operations and analysis.
- Trained and mentored 30+ new project resources, resulting in a 25% boost in productivity.

Senior Software Developer, IRIS Business Services Ltd, India   Nov 2020 - Dec 2021
- Developed data pipeline for smooth migration from JSON to Big Data of over 1M banking data from taxonomy files.
- Demonstrated expertise in scheduling Talend jobs through the Talend Administration Console (TAC), optimizing workflow efficiency which reduced the manual efforts by 60%.
- Facilitated root cause analysis to rectify a 1-hour processing delay for a job involving 20 tables and 10,000 data entries, optimizing turnaround time to four minutes.
- Identified and fixed complexity in Hive Query Language for 40% better data extraction from intricate tables.

Senior System Engineer, Infosys Ltd, India   Jun 2016 - Nov 2020
- Crafted SQL procedures incorporating 12+ tables for an annual report, leading to a 25% reduction in manual effort for extraction and analysis.
- Interfaced with clients to gather report specifications, facilitating clear communication and swift responsiveness to feedback. This optimized workflow led to a 40% decrease in development duration.
- Utilized ETL tools for seamless data migration from legacy GRC systems to latest version which increased performance by 25%.
- Constructed comprehensive database repository for a client. Designing, implementing, and structuring database infrastructure to cater to client's specific needs and objectives.
- Produced comprehensive Functional Specification documentation to contribute to the development, configuration, and installation phases of GRC solutions.

PROJECTS

Relational database design (2023): Designed and implemented a robust SQLite-based DBMS for a manufacturing and supply chain company, overseeing various data domains, ensuring data security and real-time access.

Interactive dashboard for soccer clubs (2023): Created an interactive, real-time Tableau dashboard analyzing soccer player data across divisions and countries, aiding clubs in evaluating current team performance and identifying potential acquisition   from a dataset of over 1 million entries.

TECHNICAL SKILLS

Languages: Python, Core Java, R, Tableau, SQL, C++, SQL Lite, Teradata, HQL
Database and Data Handling: PostgreSQL, MySQL, Oracle, SQLite, Pandas
ETL Tool: Talend Big Data, Talend 7.3, Talend 7.2, Talend Open Studio
Framework: Hadoop (HDFS, Hive, Impala, HBase, Apache pig)
Cloud Platform: AWS (Glue, AWS S3, AWS RDS, AWS Lambda)

EDUCATION

Master of Science, Data science, University at Buffalo, The State University of New York   2023-2024
Bachelor of Technology, Electronics & Communications Engineering-Silicon Institute of Technology, BPUT 2012-2016