Robert Lee

https://github.com/rlee21
https://www.linkedin.com/in/robert-lee-972a316b

Qualifications

Over 10 years of experience in data management; well-versed in development, design, support and analysis of data pipelines and reporting systems.

Technical Expertise

Data Management, ETL/ELT, Python, SQL, Linux, Big Data, Hadoop, HDFS, Hive, Impala, Sqoop, HBase, Spark, Kafka, Flume, Oozie, Data Warehousing, Git, Shell scripting, Star Schemas, SDLC, AWS, Glue, Lambda, EMR, S3, EC2, Real-Time, Informatica, Tableau, MySQL, Oracle, PL/SQL, Oracle Data Integrator, OBIEE, IBI Data Migrator and IBI WebFOCUS.

Certifications

Cloudera Developer for Spark and Hadoop, Kimball University Certification Dimensional Modeling Fundamentals, OBIEE Certification Building Reports and Dashboards

Experience

Data Engineer   **Avvo, June 2016 – May 2018**

Collect, store, process and analyze raw data at scale within a Cloudera distribution of Hadoop ecosystem using HDFS, Hive, Impala, Sqoop, HBase, Spark, Kafka, Flume, Oozie and Python. Data sources include weblogs, messaging streams, REST APIs and relational databases. Responsible for developing and managing data pipelines in order to deliver Business Intelligence data solutions to support Analytics and Data Science. Integrate and manage Big Data in an Enterprise Data Warehouse.

ETL Lead   **Holland America Line, October 2015 – June 2016**

Responsible for development, maintenance and implementation of Data Warehouse ETL processes using Informatica, Linux and Oracle platforms. Work on the strategic design and implementation of the Data Warehouse, Data Marts and Operational Data Stores while ensuring high levels of data availability. Manage team of ETL developers and serve as the primary contact for current and new project efforts. Assign and balance workloads of team members based on task priorities and skillsets. Provide input/suggestions to implement new Data Warehouse designs and data loads while ensuring development standards are being followed. Deliver data integration and modeling across multiple source systems.

ETL Architect   **Holland America Line, May 2014 – October 2015**

Worked on the strategic design and implementation of the Data Warehouse, Data Marts and Operational Data Stores while ensuring high levels of data availability. Ensured compliance with corporate policies and procedures. Provided input/suggestions to implement operational and service improvements to support the Business essential functions. Responsible for maintenance and development of the Data Warehouse. This included the analysis development, modification, implementation and/or maintenance of the Data Warehouse extraction, transformation and load (ETL) processes using Informatica, Linux and Oracle platforms. Delivered data integration and modeling across multiple source systems. Configured reporting servers to meet needs of reporting applications as well as conducting application administrations activities to ensure applications and users can work effectively.

Business Intelligence Developer   **Seattle City Light, September 2013 – May 2014**

Developed BI applications, assist in defining and documenting business and technical needs, attend & facilitate design sessions with subject matter experts and business analysts, work with a team to design data warehouse star schema architecture, build extract, transform and load processes using PL/SQL and Oracle Data Integrator (ODI) and other tools, work with business analysts and report writers and subject matter experts to develop reporting packages in Cognos Framework Manager.

ETL Developer   **Holland America Line, June 2011 – September 2013**

Responsible for maintenance and development of the Data Warehouse. This includes the analysis development, modification, implementation and/or maintenance of the Data Warehouse extraction, transformation and load procedures. Enterprise data integration and modeling across multiple source systems. Configured reporting servers to meet needs of reporting applications as well as conducting application administrations activities to ensure applications and users can work effectively.

Data Warehouse Sr Programmer/Analyst   **Holland America Line, January 2010 – June 2011**

Design and deliver decision support systems for Enterprise Data Warehouse. Hands on experience with full life cycle of Data Warehouse design and development including logical and physical data modeling, mapping data elements from various data sources and loading objects including dimensions, hierarchies, fact tables, and aggregates, building the Reporting Metadata layer, as well as the building the reports. Define strategic direction for reporting platform.

CRM & Analytics Technical Specialist   **Holland America Line, August 2008 – January 2010**

Support Marketing Analytics with ad-hoc reports and dashboards using TOAD and Oracle Business Intelligence Enterprise Edition (OBIEE). Responsible for data processing and QA aspects of multi-channel marketing programs including direct mail and email using customer and prospect databases. Provides recommendations to management regarding infrastructure, operating guidelines, procedures and processes, audit and business reporting and timely issue resolution.

Data Warehouse Business Analyst   **Holland America Line, February 2006 – August 2008**

Gather and qualify business reporting requirements, develop technical specifications based on business requirements, QA and validate data, develop ad-hoc reports to support immediate business needs, identify and resolve reporting bugs or data issues, process and track report requests, work closely with the business units to identify reporting opportunities and ensure needs are being met. Hold weekly status meetings for departmental representatives. Provide assistance with ad-hoc report requests.

Education

University of Washington   **Seattle, WA**

Bachelor of Arts Degree   1998 - 2002