Robert Lee

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robertlee.me

Qualifications

Over 10 years of experience in data management; recently transitioned into Full Stack Web Development. Well-versed in development, support and analysis of software applications.

Technical Expertise

Full Stack Web Development, Ruby on Rails, HTML, CSS, SQL, Ruby, JavaScript, Python, MySQL, PostgreSQL, Redis, Linux, ETL, Big Data, Hadoop, Git, Shell scripting, AWS, GCP

Experience

Software Engineer   **Avvo, December 2018 – Present**

Develop and maintain full stack web applications using Ruby on Rails in a service-based architecture. Support consumer facing services such as customer profiles, Search Engine Results Pages, Questions & Answers and Search Engine Marketing landing pages. Liaison between Consumer and Data teams to implement Analytics tracking using Google Tag Manager in addition to conducting A/B tests.

Sr. Data Engineer   **Sinclair Digital, July 2018 – December 2018**

Collect and process data from Google Analytics and Google Ad Manager (DFP) using Airflow, BigQuery and Google Cloud Storage in order to support Data Science and Analytics.

Sr. Data Engineer   **Nordstrom, April 2018 – July 2018**

Convert customer analytics data platform from on-premise Teradata to AWS cloud using Airflow, EMR (Hive/Spark/Presto) and S3.

Data Engineer   **Avvo, June 2016 – April 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.

Education

University of Washington   **Seattle, WA**

Bachelor of Arts Degree   1998 - 2002