

FIRST LAST
Data Warehouse Engineer

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PROFESSIONAL EXPERIENCE

RESUME WORDED

San Francisco, CA and New York, NY

Data Warehouse Engineer

2017-Present

Data Warehouse Analyst

2013-2017

- Recued size of database by factor of 5 to reduce SSAS bottlenckes from DW loads and MDX queries.
- Rewrote Revenue by Employee packages to stabalize employee counts. measured group and hierarchies merged with GL database. Used windows functions for product, customer, and sales packages.
- Resolved 2% variance between Sale and General Ledger reporting through analysis of SSIS packages. Tabular T-SQL data model with PowerPivot DAX functions to process and calculate.

Selected Project Experience

- Package Redesign Project
 - Converted and redesigned 40 packages for project deployment.
 - New ETL control flows; modular and audited data flows and transforms.
 - Rewrote T-SQL in lookups to stop transaction blocking and reduce memory use.
 - Wrote T-SQL for incremental deta extraction.
 - Optimized run time by 85%.
- Project One
 - Provided consolidated client reporting across all the product lines offered.
 - Achieved goal through a Central Data Warehouse (CDW), which acted as a data repository to provide data for consolidated client reporting.
 - The CDW received data from 30 upstream systems.

GROWTHSI

New York, NY

Data Engineer

2012-2013

- Lead team to create solar production forecasting engine at variable, spatial, and temporal resolutions for nationwide feelt of over 300,000 homes.
- Produced hour ahead, day ahead, and week ahead forecasts based on local irradiance predictions.
- Delivered to internal and external customers through REST API and csv downloads.
- Designed peak shaving algorithms to reduce commercial customers peak power consumption with a range of storage technologies such as battery or water heater.

EDUCATION

GROWTHSI

San Francisco, CA

Master of Science in Business; Major in Management

2011-2012

- Awards: Bill & Melinda Gates Fellow (only 5 awarded to class), Director's List 2017 (top 10%)

RESUME WORDED UNIVERSITY

New York, NY

Bachelor of Engineering, Major in Computer Science; Minor in Mathematics

2007-2011

- Completed one-year study abroad with Singapore University

ADDITIONAL INFORMATION

- Technical Skills: T-SQL, PowerPoint Pivot DAX, SSAS, ETL, Central Data Warehouse, REST API
- Certifications: Project Management Professional (PMP) (August 2016), Passed Resume Worded examinations, Certified Data Warehousing Consultant
- Awards: RW's Top 30 Under 30 (2011); Won nationwide case competition out of 500+ participants (2013)