Zac Yang

Email:zacyang0701@gmail.com Phone:6264935215

https://www.linkedin.com/in/zac-yang/

Professional Summary

An innovative and result-oriented data engineer is seeking a position as a data engineer and BI developer, proficient with programming tools and a strong background in software engineering and data engineering. Quick learner for new concepts, ideas and technologies

Technical Skills

SQL & Bi tools: SSIS, PowerBI, SQL, MS Azure
SDLC: Agile, Scrum, Waterfall, Spiral

Programming Language: Java, C#, Python, JavaScript,PowerShell
Data Process skills: ETL ELT, Datawarehose , Data Modeling

Professional Experience

Microsoft (Software Developer through Pactera)   May 2019- now

- Collect the input data sources from PM based on the requirement, understand the data property and validate the sources accuracy.
- Managed large production database servers including backups,disaster recovery and performance tuning with DMVs and system sprocs.
- Wrote SQL queries and sprocs to support internal and external users.
- Analyzed and synthesized large data streams across multiple inputs. Migrated, scheduled ETL data pipeline and related jobs from Cosmos platform to ADF.
- Designed and developed queries and data visualizations for ad-hoc,recurring, troubleshooting requests as well as for ongoing reporting by leveraging SQL, PowerShell,ScopeSDK and AzCopy.
- Implemented,automated ETL pipelines from diverse sources for higher data availability and to create a unified view of quality data for analytics and reporting in Avocado, PowerBI and Lens Explorer.
- Generated data monitor on the destination server via PowerShell to validate data correctness.
- Troubleshoot the data loss issue in cosmos platform via SCOPE and C# logics.

Conagra Foods (BI developer through Infosys)   May 2018- Apr 2019

- Designed and implemented the whole ETL (Extract, Transform, Load) data process with various transactions within SSIS packages to implement business rules and logics.
- Optimized data connection which loads 800MB data 4 times faster after evaluating the multiple data connections' performance, including direct query mode with SAP HANA and Live connection mode through Azure DataLake.
- Generate PowerBI reports with Star schema. Implemented complex requirements in PowerBI by using DAX.
- Customized XY quadrant chart by using R libraries, featuring time-series animation to facilitate decision-makers explore brands' performance in the market.
- Achieved the data refreshment from SAP HANA with PowerBI API in PowerShell scripts, deployed, automated the scripts on CtrlM Server.
- Enabled Mobile visualization by mobile layout, implemented PowerBI visuals in the Salesforce dashboard with utilized PowerBI JavaScript Embedded Library to respond to client senior leadership's requests.
- Accumulated agile Product Management experience - a full gamut of creating stories, generated PowerBI reports and dashboards, working through user acceptance testing (UAT).
- Wrote various documents such as data mapping document, work detail descriptions for KT session and future developing.

KHDHC (software developer)   Aug 2013- Apr 2015

- Led 2 workstreams- Orders Processing and Data visualization in internal management by leveraging Java technology, including SSM framework, POI and JFreechart. Daily and weekly cost reports generated in Excel spreadsheets, which improved the work efficiency of over 15%.
- Proposed, developed, and Tested internal CMS system for the company with two project teams by using Bootstrap, Jquery components,
- D3.js, and Mustache templates.
- Reorganized fuzzy data in the SpringXD data monitor, created the platform by building services and improved the overall accuracy of the forecasting via Redis, Angular 1.2, Bootstrap 3 and Gulp.

Certificates

- Microsoft Certified: Azure Database Administrator Associate

- Microsoft Certified: Data Analyst Associate