

Michael Smith
BI / Big Data / Azure
Manchester, UK - Email me on Indeed: indeed.com/r/fallicent/140749dace5dc26f

10+ years of Experience in Designing, Development, Administration, Analytics, Management in the Business Intelligence Data Warehousing, Client Server Technologies, Web-based Applications, cloud solutions and Databases.
Data warehouse: Data analysis, star/snowflake schema data modeling and design specific to data warehousing and business intelligence environment.
Database: Experience in database designing, scalability, back-up and recovery, writing and optimizing SQL code and stored procedures, creating functions, views, triggers and indexes.
Cloud platform: Worked on Microsoft Azure cloud services like Document DB, SQL Azure, Stream Analytics, Event hub, Power BI, Web Job, Web App, Power BI, Azure data lake analytics (U-SQL).
Big Data: Worked Azure data lake store/analytics for big data processing and Azure data factory to schedule U-SQL jobs. Designed and developed end to end big data solution for data insights.

Willing to relocate: Anywhere

WORK EXPERIENCE Software Engineer

Microsoft - Manchester, UK.

December 2015 to Present

1. Microsoft Rewards Live dashboards:

Description: - Microsoft Rewards is loyalty program that rewards Users for browsing and shopping online. Microsoft Rewards members can earn points when searching with Bing, browsing with Microsoft Edge and making purchases at the Xbox Store, the Windows Store and the Microsoft Store. Plus, user can pick up bonus points for taking daily quizzes and tours on the Microsoft rewards website. Rewards live dashboards gives a live picture of usage world-wide and by markets like US, Canada, Australia, new user registration count, top/bottom performing rewards offers, orders stats and weekly trends of user activities, orders and new user registrations. The PBI tiles gets refreshed in different frequencies starting from 5 seconds to 30 minutes.

Technology/Tools used

Event hub, stream analytics and Power BI.

Responsibilities

Created stream analytics jobs to process event hub data

Created Power BI live dashboard to show live usage traffic, weekly trends, cards, charts to show top/bottom 10 offers and usage metrics.

2. Microsoft Rewards Data Insights:

Description: - Microsoft Rewards is loyalty program that rewards Users for browsing and shopping online. Microsoft Rewards members can earn points when searching with Bing, browsing with Microsoft Edge and making purchases at the Xbox Store, the Windows Store and the Microsoft Store. Plus, user can pick up bonus points for taking daily quizzes and tours on the Microsoft rewards website. Rewards data insights is data analytics and reporting platform, processes 20 million users daily activities and redemption across different markets like US, Canada, Australia.

Technology/Tools used

Cosmos (Microsoft big-data platform), c#, X-Flow job monitoring, Power BI.

Responsibilities