Jonathan Tindale

Data Engineer

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Data Engineer with a passion to provide effective, accurate and robust solutions. Adaptable, motivated and positive team player with excellent communication and numerical skills.

Work Experience

Data Engineer
Karian and Box
April 2021 to Current

- Design, build and deployment of solutions within a centralized data platform.
- Working with data and analytics experts to build better functionality in our data systems.
- Offering support with data analytic platforms (e.g. Power BI, Azure Analysis Services)
- Data processing including cleaning, modelling and historic mapping.
- Assembling large or complex data sets that meet functional / non-functional business requirements.
- Identifying, designing and implementing internal process improvements: automating manual processes, optimizing data delivery, re-designing infrastructure for greater scalability.
- Keeping data segregated managed and secure across our environments and services
- Building the infrastructure required for optimal extraction, transformation and loading of data from a wide variety of data sources using SQL and Azure 'big data' technologies
- Building analytics tools that utilize the data pipeline to provide actionable insights into customer acquisition, operational efficiency and other key business performance metrics
- Continuous improvement of Central Data Platform and supporting processes
- Translating business needs into technical specifications

Achievements
- Taken over databricks jobs and process
- Data Factory Pipelines

- Devops Pipeline and release CI/CD implementation

Data Engineer
TalkTalk Group
November 2020 to April 2021
- Building and modifying Databricks notebooks and Data Factory pipelines to optimize data delivery.
- Utilization of SQL and Azure 'big data' technologies to load data from a wide variety of data sources.
- Experience with maintaining and developing CI/CD across Databricks, Database Projects and Data factory via Devops Pipelines.

SQL Developer / Software Engineer
Oliver James Associates
July 2017 to November 2020
- Implementation of new databases and the supporting infrastructure.
- Creation of conceptual, logical and physical data models.
- Development of Azure Data Factory Pipelines and logic apps.
- Support and implementation of BI tools such as SSRS, SSIS and Power BI.
- Communication of complex technical ideas, regardless of the technical capacity of the audience.
- Ability to quickly learn and adapt modelling methods from case studies or proven approaches.
- Front and back end development of new features for web applications utilizing .Net Core framework.
- Management and maintenance of the data warehouse with dimensionally modelled data.
- The improvement of application security, implementation change management and industry best proactive processes and procedures.
- Optimization of new and existing SQL code and SSIS packages
- Experience in translating/mapping relational data models into Schemas.
- Utilization of 3rd party software API's to help enrich our own data and applications.
- Responsible for QA and UAT of multiple products and the workstream lead in terms of maintaining source control.
  ### Achievements
  - Creation of Employee Recognition Systems – Design and implementation of Deal Emails via data driven SSRS reports, DNA scoreboards & internal voting system utilizing .Net Core.
  - Implementation of a third party HR web application with the companies existing data warehouse using python to call required APIs.
  - Contractor Analysis feature added to web application. I managed the project from requirement gathering to its handover to L&D for enrolment into the business. Development required business process analytics, data collection, data modelling, procedure design, back-end development and UI design. The project required communication with Directors, Managers, Finance and L&D to ensure the new features were incorporated into the business correctly and effectively.

- Scheduled cloud based CRM data extraction via Azure Data Factory to ensure legacy reporting remains functional during the transition to said CRM. This included modifications to multiple cross server dependent packages, avoiding contention where possible, without sacrificing the current 10 minute refresh rate of our data solutions.
- Outsourced to Clients via our sister company to build career portals utilizing the .Net Core MVC Framework.

BI Analyst
Car Benefit Solutions Ltd
November 2016 to July 2017

- Manage reporting requirements and provide solutions in a confident professional and timely manner.
- Take ownership for understanding key business logic and calculations.
- Analyze and produce key reports for our clients and Manufacturers to enable informed strategic marketing decisions.
- Deal with financial reporting needs including reconciliation, client risk analysis and profitability analysis.
- Work alongside a development team to produce key reports such as project performance, return on investment analysis and project forecasting.
- Create and produce fleet SLA and KPI reports.
- Create and maintain CRM reporting requirements as well as develop CRM dashboards.
- Identify opportunities to proactively provide business functions with data that will assist and improve team performance.
- Generate dashboards that give insightful and dynamic views of key business issues and opportunities.
  ### Achievements
    - Automation of regular reporting and implementation of data driven SSRS reports.

SQL Developer
Tigersolv Ltd
May 2013 to November 2016

- Updating, customizing and adapting finance applications to suit clients needs.
- Locating and correcting issues in Stored procedures, triggers and general queries in SQL Databases.
- Analyze and provide accurate financial information and reports to both clients and employer. Reports normally provided via crystal, SSRS or excel.
- Point of contact for clients with a variety of tasks including IT issues, system failures and data gathering from SQL Databases.
- Assist clients by creating a variety of templates which include financial statements and invoices.
- Learnt SQL, SSRS and Crystal Reports in a short period of time (No Previous Experience) so I could begin assisting our development team.

- Created a trial balance utility within the software and created the reconciliation process for the IVA software.
- Actively assisting with the development of the new payment engine for the new software.

Administrator/Process Developer
Wilson Tarquin Ltd
May 2011 to May 2013

- Identify and improve current procedures to ensure easier and more accurate processes. were in place, which improved both income stream and lowered aged debtor accounts.

Education
Bachelor of Engineering in Civil and Structural Engineering
   The University of Leeds 2008 to 2011
A levels in Maths, Physics, Chemistry
   Holy Cross Sixth Form College - Manchester 2007 to 2008

Key Skills
SQL, TSQL, SSRS, SSIS, CRYSTAL REPORTS, .NET Core, C#, JavaScript, HTML5, ETL, DBA, Python, Azure, SQL Server, Azure Data Factory, Power-BI, Microsoft Office, report writing and analysis, problem solving.