

about

Dedicated Business Intelligence Developer who applies his skills to the whole BI stack, from conceptual architecture and implementation of the SQL solution, designing and building the analysis model, to providing visualisations that tell a story.

With skills in implementing tools to aid DevOps within a team of developers.

technical skills

- In-depth knowledge & experience conceptualising and developing Data Warehouses
- Developing ETL Solutions using SSIS and BIMLScript, and Pentaho
- Building Tabular Analytic Models & using DAX in SSAS
- Designing eye-catching visualisations, reports, & dashboards in Power BI & Tableau
- Setting up and implementing CI & CD for SQL, SSIS & SSAS
- Regular writing of PowerShell, Bash, and Python

personal skills

- Leading team in Agile related meetings
- Mentoring junior members in Data Warehousing designing and implementation
- Not afraid to try new methods, tools, or advice to achieve a goal in a cleaner, more concise, or Agile way
- Presentation skills with providing 'Show and Tells' to consumers as well as personal projects and improvements with team members

employment

Senior BI Developer Oxford Health NHS Foundation Trust 09/2017 - Present

- Development of Data Warehouse built in SQL Server 2017
- Building metadata driven ETL approach using T-SQL, SSIS, & BIMLScript
- Designing and creating Tabular Analysis Models in SSAS
- Designing visualisations, reports and dashboards using Power BI
- Developing and automating data extraction projects to several file formats (csv, MS Access, XML, JSON) using many protocols (FTP, FHIR, HL7v2) utilising T-SQL, SSIS, PowerShell, Bash, Python, & C#
- Heading project to provide continuous integration and deployment using Azure DevOps
- Leading daily stand ups, sprint planning, & retrospectives

BI & Data Warehouse Developer Jisc 10/2014 - 09/2017

- Developed Enterprise Data Warehouse using AWS and RedShift
- Developed ETL using metadata driven approach in Pentaho
- Created unit and integration tests using pytest library
- Created reports and dashboards in Tableau and Excel (including VBA)
- Developed Postgres database to store JANET network data and migrated away from preexisting Access database

Data Processing Analyst AgeUK Enterprises 07/2012 - 10/2014

- Maintained SQL Server transactional database & bespoke CRM system
- Developed ETL to incorporate data from 3rd party partners whilst ensuring data cleanliness
- Produced financial journals and KPI reports in Excel
- Provided supporting data to ad-hoc queries from other departments and 3rd parties

qualifications

Certification

D1000: Data Integration Fundamentals | Pentaho | March 2016
JavaScript 101, 201, & 301 | Academy Class | November 2015
M10774: Querying Microsoft SQL Server 2012 | Microsoft | November 2012

Education

BSc Psychology & Criminology 2:1 | University of Gloucestershire | 2008 - 2011
4 A2 Levels & 3 AS Levels | South Dartmoor Community College VI Form | 2005 - 2008
9 GCSEs | South Dartmoor Community College | 2000 - 2005

outside of work

- Building and maintaining personal website & blog
- Providing technical support to family members with online stores
- Raising a baby daughter
- Road cycling
- Looking after large house plants and succulents