

Paul Andrew

Senior Data Analytics Consultant & Microsoft Data Platform MVP

LinkedIn: uk.linkedin.com/in/mrpaulandrew

Twitter: @mrpaulandrew

Blog: <http://mrpaulandrew.com>



PROFILE

As a highly motivated individual I approach every solution with an equal and absolute perception that anything is possible. Experience has gifted me knowledge on a wide-reaching toolkit of technologies that can be harnessed and manipulated to overcome data handling problems big and small. I have a proactive mentality and the drive to achieve the best in all aspects of life. I also enjoy sharing my knowledge as a community speaker, regular blogger, event's organiser and mentor.

BACKGROUND

- * 10+ years' experience working with SQL Server in various roles.
- * 4+ years' experience working with the Azure Data Platform.
- * Industry knowledge verticals; healthcare, retail, gaming.
- * Electronic engineering and electrical safety.

DATA PLATFORM COMMUNITY INVOLVEMENT

- * **Microsoft Azure Red T-Shirt Dev Tour** Speaker
- * **PASS Summit** Speaker
- * **Data Minds Connect** Pre-Con Speaker/Speaker
- * **SQL Bits** Team Member/Pre-Con Speaker/Speaker/Helper
- * **SQL Relay** Organiser/Workshop Speaker/Speaker/Helper
- * **SQL Day** Speaker
- * **SQL Saturday** Pre-Con Speaker/Speaker/Helper
- * **National UK User Group** Speaker
- * **STEM Ambassador** Speaker/Mentor

EMPLOYMENT HISTORY

Senior Data Analytics Consultant

March 2018 – Present

Adatis Consulting Ltd

Advanced analytics consultant and architect delivering big data business intelligence solutions on the Microsoft cloud platform. Covering healthcare, retail and gaming. Project lead and scrum master for internal teams delivering modern data warehouse solutions using best practices and developing reusable design patterns for cloud technologies. Implementing lambda architectures combining both streaming and batch loaded datasets into single serving layers. Microsoft Azure Advisor and author of Microsoft big data exam content.

- * Azure Data Solution Architect
- * Project Technical Lead
- * Azure Solutions Designer
- * Technical Presales Advisor

Business Intelligence Consultant

March 2016 – March 2018

Purple Frog Systems Ltd

Second tier consultant and lead architect for hybrid business intelligence data solutions in Azure and on premises. Specialising in real-time data streaming, cloud orchestration on big data platforms. Lead developer, data model designer and infrastructure administrator. Customer liaison for all post sales technical engagements and scoping.

- * Business intelligence consultation
- * Technical document author
- * ELT/ETL development
- * Solution designer & architect

SKILL SET

- * Big Data Solutions Architect
- * Azure Data Platform Specialist
- * SQL Server BI Full Stack
- * Advanced Analytics
- * Business Intelligence
- * Integration Specialist
- * Database Administration

ABILITIES TOOLKIT

- * Azure Data Factory
- * Azure Databricks
- * Azure Data Lake
- * Azure Stream Analytics
- * Azure IoT/Event Hubs
- * Azure Batch Service
- * Azure Automation
- * Azure Functions
- * Azure Logic Apps
- * Azure Cognitive Services
- * Microsoft SQL Server (DBMS, SSIS, SSAS, SSRS)
- * T-SQL and U-SQL
- * MDX, DAX, XMLA
- * Python
- * Scala
- * Microsoft .Net (C#, VB)
- * PowerShell, CMD
- * JSON, XML
- * JavaScript, Auto IT Script
- * HL7, ITK
- * Mirth
- * Ensemble
- * Power BI
- * Tableau
- * Crystal Reports
- * Notebooks

DEVELOPMENT TECHNIQUES

- * Agile/Scrum
- * BEAM
- * Kimble
- * ITIL
- * Kaizen
- * Kanban
- * Prince2

CONTACT DETAILS

+44 (0) 7850 301 122

paul@mrpaulandrew.com

Data Management Technical Lead
Staffordshire & Shropshire Health Informatics
(NHS)

February 2014 – March 2016

Lead for the data management department in the delivery of all data services provided across the county. Design and develop data flow solutions, mentoring the team in best practices and the utilisation of new technologies. Research and development done on the latest technologies and techniques to ensure the provision of data warehousing and support internal analytics. Implemented full clinical data warehouse to support national reporting requirements. Technical advisor for all company departments.

- * Design and solutions architect
- * Organisation technical adviser
- * Team mentor and product specialist
- * Data flows developer

Data Management Specialist
South Staffordshire Health Informatics Service
(NHS)

October 2012 – February 2014

Centred on the vast Microsoft SQL Server estate covering all versions and services within the product suit. Utilise all tools to deliver the highest possible standard of data to customer organisations using whatever integration methods were required for the data sources presented. Fluency in languages such as TSQL, MDX, XMLA and DAX made me a strong developer resource within the team.

- * Senior SQL Server developer
- * Database administrator
- * Operational resilience monitoring
- * Service lead advisor

Application/Integration Developer
Somerset Health Informatics (NHS)

August 2011 – October 2012

Development and operational responsibility of the shared services county wide integration engines offering my skills connecting numerous acute trust localised systems to their main patient administration system. This was typically achieved using HL7 messaging via 4x full Mirth Appliances and JavaScript combined with custom build web services to trigger whatever event or action was required for successful data flows.

- * .Net web services developer
- * HL7 interface developer
- * Integrations specialist
- * 3rd line technical Support engineer

Information and Testing Analyst
Taunton and Somerset NHS Foundation Trust
(NHS)

August 2009 – August 2011

Assist with the general workings of the acute trusts information and performance department, plus automating and improving report delivery where possible. Then test features developed as part of the ongoing business intelligence project to fully adopt Tableau and Microsoft Reporting Services.

- * Tableau developer
- * Data flow tester
- * Dashboard creator
- * NHS dataset analysis

COMMENDATIONS

Stack Overflow

2,770 REPUTATION

2 10 29

Unsung Hero Steward

LinkedIn Endorsements

- SQL • 14
- Microsoft SQL Server • 11
- Windows Server • 9
- Analysis Services • 8
- SSIS • 8
- Data Analysis • 6
- Database Administration • 6
- ITIL • 6
- Windows 7 • 5
- Microsoft Office • 4
- HL7 • 4
- Tableau • 3
- Business Intelligence • 2
- Data Warehousing • 2
- MS Reporting Services • 2
- MySQL • 2
- T-SQL • 2
- Visual Studio • 2

SQL Saturday – Dublin
Best New Speaker

SQL Day – Wroclaw
Community Supporter Award

FORMAL TRAINING

- * Dimensional Modelling – The Kimble Group
- * Pre-Con: Query Execution Plans in Depth – Hugo Kornelis
- * Pre-Con: Column Store Indexes – Niko Neugebaur
- * C# Fundamentals – Pluralsight
- * Pre-Con: Learn BIML Today: Start Using It Tomorrow – Scott Currie
- * Pre-Con: SSIS Performance Design Patterns – Matt Mason
- * Pre-Con: SQL Server Integration Services End to End – David Dye
- * Ensemble/Cache Integration Engine Development
- * Microsoft Certified Implementing and Administering SQL Server Analysis Services
- * Mirth Connect/Appliance Integration Engine Development.
- * The Visual Basic 2008 Programming Language with .Net 3.5 Framework
- * ITIL - V3 Foundation Certificate in IT Service Management
- * Microsoft Certified Implementing and Administering SQL Server Reporting Services
- * NVQ Information Technology Qualification
- * Electrical/Electronic Engineering passed with Merit
- * NVQ in Performing Manufacturing Operations
- * Certificate of Competence for The Inspection and Testing of Electrical Equipment
- * Crimping Code of Practice in Accordance with BS7727

PERSONAL

Proud father to daughter Neave. Husband to wife Christine. Regular blood donor and cancer research supporter. Great lover of the outdoors, keen cyclist and swimmer. Ran several half marathons and 10k events raising money for various charities. Previously dressed as Tommy Cooper at SQL Bits. Currently expecting our second daughter in December 2018.

REFERENCES

Available on request.