

Paul Andrew

Principal Consultant | Solution Architect | Microsoft Data Platform MVP

LinkedIn: uk.linkedin.com/in/mrpaulandrew

Twitter: @mrpaulandrew

Blog: <https://mrpaulandrew.com>



PROFILE

As a highly motivated, passionate individual I approach every solution with an equal and absolute perception that anything is possible. My career 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.

OVERVIEW

- * 10+ years' experience working with Microsoft SQL Server.
- * 6+ years' experience working with the Microsoft Azure Data Platform.
- * Industry verticals; healthcare, retail, gaming.
- * Microsoft exam question author and moderator.
- * ADFprocfwk.com creator.
- * Book technical reviewer.
- * Electrical safety, qualified PAT tester.

DATA PLATFORM COMMUNITY INVOLVEMENT

- * **Microsoft Azure Red T-Shirt Dev Tour** Speaker
- * **Microsoft Ignite Tour** Speaker
- * **PASS Summit** Speaker
- * **Big Data London** Speaker
- * **AI Tech North** Speaker
- * **Data Minds Connect** Trainer/Speaker
- * **Data Relay** Director/Organiser/Speaker/Helper
- * **SQL Bits** Team Member/Trainer/Speaker/Helper
- * **SQL Day** Speaker
- * **SQL Saturday** Trainer/Speaker/Helper
- * **Azure Global Boot Camp** Speaker
- * **Intelligent Cloud Conference** Speaker
- * **Data Platform UK Meetup's** Organiser/Speaker
- * **STEM Ambassador** Speaker/Mentor
- * **Data Lounge** Speaker
- * **Data Platform Discovery Day** Speaker
- * **YouTube** (Various Channels) Speaker

EMPLOYMENT HISTORY

Principal Consultant & Solution Lead

July 2019 – Present

Altius Data

Responsible for delivering data insights to enterprise customers globally through the Microsoft Azure Data Platform. Leading multi-national delivery teams through design patterns and best practices to ensure excellence for a variety of industry verticals. Internal technical advisor and research lead looking to the horizon at services available in the cloud. Member of the architecture review board and speaker on the hosted webinar 'Data Lounge'.

- * Data Platform Architect
- * Delivery Solution Lead
- * Presales Advisor
- * Technical Advisory Board
- * Practice Lead
- * Mentor

SKILL SET

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

TECHNOLOGY TOOLKIT

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

DELIVERY TECHNIQUES

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

EMPLOYMENT HISTORY Continued

Principal Consultant & Solution Architect

March 2018 – July 2019

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.

- * Azure Data Solution Architect
- * Azure Solutions Designer
- * Project Technical Lead
- * 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
- * ELT/ETL development
- * Technical document author
- * Solution designer & architect

Data Management Technical Lead

February 2014 – March 2016

Staffordshire & Shropshire Health Informatics (NHS)

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

October 2012 – February 2014

South Staffordshire Health Informatics Service (NHS)

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

COMMENDATIONS

Stack Overflow

3,143 ● 2 ● 14 ● 33

● [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 – Cork

Best Speaker

SQL Saturday – Dublin

Best New Speaker

SQL Day – Wroclaw

Community Supporter Award

EMPLOYMENT HISTORY Continued

Application/Integration Developer

August 2011 – October 2012

Somerset Health Informatics (NHS)

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

August 2009 – August 2011

Taunton and Somerset NHS Foundation Trust
(NHS)

Assist with the general workings of the acute trust's 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

FORMAL TRAINING

- * Dimensional Modelling – The Kimble Group
- * Pre-Con: Query Execution Plans in Depth – Hugo Kornelis
- * Pre-Con: Column Store Indexes – Niko Neugebauer
- * 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 daughters Neave and Thea. Husband to wife Christine. Regular blood donor and cancer research supporter. Great lover of the outdoors, cyclist and swimmer. Ran several half marathons and 10k events raising money for various charities. Previously dressed as Tommy Cooper at SQL Bits.

CONTACT DETAILS

paul@mrpaulandrew.com

REFERENCES

Available on request.