NICK ELGAR

MSc., BSc., FEDIPAdvPra, RITTech, MBCS

07938 961 120

support@makedatawork.uk
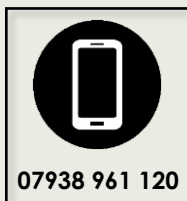
NHS SME

INTRO

Inside of work, I never waste a second of downtime as I'm constantly learning & testing my knowledge on various resources.

Outside of work, I am actively developing an Unreal 5 indie game (Year 2 of 6), a platform agnostic Pygame game, and learning Spanish; Day 445 as of writing. I'm also a father of 3.

TALENTS

PySpark, Python
Java, JavaScript
SQL, KQL, DAX, JSON
C++, VBA, BICEP, ARM
Microsoft Azure + Fabric
GitHub, CI/CD, Sprints
Data Discovery & Delivery
Mentoring & Leadership

CLOUD CERTIFICATIONS

Data & AI
- ✅ AI-102
- ✅ AI-900
- ✅ DP-100
- ✅ DP-203
- ✅ DP-300
- 🟡 DP-420 (*underway*)
- ✅ DP-600
- ✅ DP-900
- ✅ PL-300

Infrastructure
- ✅ AZ-104
- ✅ AZ-305
- ✅ AZ-900

Modern Work
- ✅ MS-900

Business Apps
- ✅ MB-910
- ✅ MB-920
- ✅ PL-900

Security
- ✅ SC-900

WORK HISTORY

Lead Data Engineer
SME | P365 Solutions | London, UK (Hybrid) Oct 2023 - Present

Senior Data Engineer
SME | P365 Solutions | London, UK (Hybrid) Jun 2023 – Oct 2023

Data Engineer
SME | Omni Commerce | London, UK (Hybrid) Feb 2023 - Jun 2023

Senior Information Manager
NHS | Leeds, UK (Hybrid) July 2022 – Feb 2023

Data Scientist
NHS | Grimsby, UK (Hybrid) Oct 2020 – July 2022

Information Manager
NHS | Hull, UK (Hybrid) Jun 2020 - Oct 2020

Information Analyst
NHS | Hull, UK (On-Site) Feb 2018 – Jun 2020

Medical Devices Safety Officer
NHS | Leeds, UK (On- Site) Dec 2015 – Feb 2018

Complaints Handler
NHS | Leeds, UK (On- Site) Mar 2015 – Dec 2015

Referral-to-Treatment Coordinator
NHS | Hull, UK (On- Site) Sep 2014 – Mar 2015

Clerical Officer
NHS | Hull, UK (On- Site) Feb 2013 – Sep 2014

EDUCATION HISTORY

MSc. Leadership | BSc. Hons in Game Development
University of Hull | Leeds Metropolitan University

Current Role Breakdown – Lead Data Engineer

Technical Leadership and Strategy:
• Led the peer review of key data architectural decisions and ensured they align with the company's strategic goals.
• Collaborated closely with the senior leaders to align architectural processes
• Participated in strategic planning sessions and provided insights on emerging trends in data architecture.
• Championed innovative approaches in data and AI design, keeping abreast of emerging technologies and industry trends.
• Ensured effective communication and collaboration within and across Data & AI and Power Platform.
• Built and maintained strategic relationships, particularly in the realm of technology and architecture.

Client, Project Management, and Governance:
• Took ownership of the largest clients and projects, serving as the primary data contact and ensuring successful delivery.
• Led and managed technical communication and development patterns with clients and project stakeholders.
• Designed, implemented and maintained data pipelines for processing structured, semi-structured, and unstructured data.
• Owned the creation and maintenance of both high-level and detailed documentation for data platforms and integration.
• Ensured that all architecture documentation was easily understandable for both technical and non-technical stakeholders.
• Owned the overall data architectural and engineering quality control of project.

Training and Development:
• Provided guidance and mentorship to junior and mid-level data engineers.
• A leading voice in defining and implementing training strategy.
• Fostered a culture of continuous learning and professional development within the team.
• Dedicated time for personal development and training, aligning with the team's training strategy.
• Mentored team members and contribute to their professional growth.
• Contributed to team growth by sharing knowledge, conducting technical reviews and supporting skills development.
• Fostered a 'Thought Leadership' mentality by sharing my views across Data & AI.

Microsoft CERTIFIED FUNDAMENTALS x8   Microsoft CERTIFIED ASSOCIATE x7   Microsoft CERTIFIED EXPERT x1

NHS x10 years   SME x2 years

Soft Skills:

- **Client Communication**   *External Optics*
- **Internal Communication**   *Internal Optics*
- **Expectation Management**
- **Team Leadership**
- **Mediation**
- **Leading The Client**
- **Project Management**   *Risks, Change Requests, Scope Adherence*
- **Software Development**   *Milestones, Sprints, Segmented Mini-Goals*

Hard Skills:

- **Microsoft Fabric**   *Data Engineering, Data Science, Data Analytics, Monitoring, Front-End PBI*
- **Microsoft Synapse**   *Data Engineering, Data Science, Data Analytics, Monitoring*
- **Microsoft SQL Server**   *SSMS, SSIS, SSRS, SSAS*
- **Microsoft PowerBI**   *PBI Desktop, PBI Paginated Report Builder, PBI Service*
- **Microsoft Power Platform** *Power Automate, PowerApps*
- **Infrastructure Automation** *ARM, BICEP, Environmental Variables, Parameter Cells, Dynamic Pipelines*
- **CI/CD Development**   *DevOps, GitHub, Branch Control, Visual Studio*
- **Cloud Storage**   *Data Lake Gen2, Delta Lake, Blob*
- **High-Code**   *Jupyter, Synapse, Fabric, and Databricks Notebooks*
- **Low-Code**   *Azure Data Factory, Synapse Data Pipelines, and Fabric Data Pipelines*

Theory Skills

- **Normalisation**   *Snowflake & Star Theory | Dim, Dim_Detail, Fact*
- **Medallion Architecture**   *Bronze, Silver, Gold, Platinum*
- **Relational DBMS**   *Primary <> Foreign Keys, Composite Keys, Surrogate Keys, Indexing*
- **Optimisation**   *Partitioning, Indexing, Sharding, RDD, Worker & Driver Nodes*

Cover Letter:

Hello,

Thank you for looking through my wall of a CV, and perhaps my GitHub & other clickable resources under my name; I hope it wasn't too much of a task. (*I've also appended my Microsoft Learn Exam & Cert Statement)*

The reason for my job search relates to an internal restructuring & a significantly increased workload. I am currently the only internal Data Engineering resource remaining, and interviews to replace my team have ceased indefinitely.

I love the technical pursuit of solving an issue; be that project-based, managed service/ticket based, or internal IP, however, in addition to that, since 2016 it has been my mission to enter the realm of leadership, so I may guide others, and work as a collaborative unit solving issues far greater than I could individually. In a phrase, I am a Developer & Leader who has worn many hats.

At this point, you may understand why the permanent loss of team has impacted me so greatly.

I hope to see how we can work together.

Kindest Regards

Nick Elgar