NICK ELGAR

MSc., BSc., FEDIPAdvPra, RITTech, MBCS

📱 07938 961 120

✉ support@makedatawork.uk
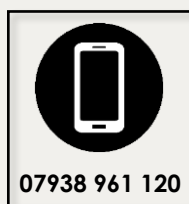
NHS
SME

ABOUT ME

While my credentials highlight technical talent, additionally I am very comfortable with client communication & team leadership, allowing for effective & scalable domain knowledge client & internal communication.

DATA ENGINEERING SKILLS

PySpark, Python
T-, Azure & Postgre SQL(s)
C++, VBA, KQL
BICEP, ARM, JSON
Microsoft Azure
Microsoft Fabric
Data Discovery
Data Delivery

MICROSOFT CERTIFIED

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-Prem) Feb 2018 – Jun 2020

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

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

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

Clerical Officer
NHS | Hull, UK (On-Prem) 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** *Show The Way*
- **Mediation** *Middle-Ground Hunting*
- **Leading The Client** *To Their Right Answer*
- **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*

Language Skills:

- 10 years using **SQL** T-SQL, SparkSQL, PostgreSQL
- 10 years using **VBA** Excel, Access, Word
- 6 years using **Python** Python3, PySpark
- 3 years using **C++**
- 2 years using **KQL,**
- 2 years using **PowerShell**
- 2 years using **Azure CLI, BICEP, ARM**

Microsoft Certification Details:

Data & AI

AI-102:	Microsoft Certified: AI Engineer **
AI-900:	Microsoft AI Fundamentals *
DP-100:	Microsoft Certified: Data Scientist **
DP-203:	Microsoft Certified: Data Engineer **
DP-300:	Microsoft Certified: Azure DBA **
DP-420:	**Microsoft Specialist: Cosmos DB (*Underway*)**
DP-600:	Microsoft Certified: Fabric Data Analyst **
DP-900:	Microsoft Data Fundamentals *
PL-300:	Microsoft Certified: Power BI Data Analyst **

Infrastructure

AZ-104:	Microsoft Certified: Azure Infrastructure **
AZ-305:	Microsoft Certified: Azure Solutions Architect ***
AZ-900:	Microsoft Azure Fundamentals *

Modern Work

MS-900:	Microsoft 365 Fundamentals *

Business Apps

MB-910:	Microsoft Dynamics 365 Fundamentals (CRM) *
MB-920:	Microsoft Dynamics 365 Fundamentals (ERP) *
PL-900:	Microsoft Power Platform Fundamentals *

Security

SC-900:	Microsoft Security Fundamentals *