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| Nick Allan Senior Data Engineer | Ambitious and highly motivated data professional with a demonstrated history of implementing enterprise-level, Azure-based data solutions. Exceptional communication skills, specialised in data-modelling, systems integration, and delivering high-performance, scalable cloud-native solutions.  [nickallan.only@gmail.com](mailto:nickallan.only@gmail.com) | 07977 345305 | [LinkedIn Profile](http://uk.linkedin.com/in/nickallan) | Oxford, UK |

## Core Skills

* SQL Server (Azure & On-Prem): Azure SQL Databases, Azure Data Factory, Azure Pipelines
* SQL Development: T-SQL queries, stored procedures, views, UDFs, CTEs
* ETL & Data Integration: mapping, cleaning, and transforming data for import/export
* Data Modelling: star and snowflake schemas for optimised storage and performance
* Query Optimisation: Tuning for high-performance data retrieval and resource efficiency
* Stakeholder Management: Strong communication skills and client-focused solution delivery
* Requirements Analysis: translating business needs into clear, concise User Stories
* Documentation of processes, workflows, applications, and training material

## Relevant Experience

Data Architect – Diligencia Consulting Ltd Apr 2017 – Dec 2024

* Oversaw import of 14 million profiles, tripling the company’s portfolio and attracting new clients
* Built end-to-end pipeline ingesting JSON from Python web-scrapers, dumped to AWS S3, mapped to a data warehouse, and synchronised across SQL Azure datamarts to support Microservice Architecture
* Optimised business-critical ADF pipelines, applying best practices, ensuring reliability and stability
* Authored recursive stored procedure logic providing data for [vis.js](https://visjs.org/) network visualisations
* Designed and automated system to provide low cost, self-serve reporting to Data Analysts
* Designed SQL Azure datamarts fed by data warehouse to support Microservice Architecture
* Fostered strong relationships with stakeholders, ensuring alignment on objectives and deliverables
* Managed recruitment of staff, designing interview questions and subsequent training

Database Engineer – Winton Group Aug 2012 – Mar 2017

* Wrote C#/T-SQL mission-critical data feeds for use by billion-dollar trading algorithms
* Built Fundamentals database, refreshed daily to evaluate each company’s investment potential
* Implemented Rates database and UI to provide researchers with easy access to financial timeseries
* Built caching DBs to snapshot vendor data, apply fixes, and provide trading algorithms stable feeds
* Provided recommendations to researchers & developers tackling large-scale, complex data challenges

Lead Change Developer – Opus Energy Ltd Nov 2010 – Aug 2012

* Managed successful implementation of solutions to over 100 change requests using SQL and .NET
* Worked autonomously to provide end-user support and training for each new feature deployed
* Deployed bespoke .NET/SQL applications, supporting users and partner suppliers
* Innovated SSMS macro tool to simplify common, repetitive SQL-writing tasks

DB Developer – Salary.com Nov 2005 – Nov 2010

* Integrated BAE Systems PeoplePortal with core product, securing many further lucrative projects
* Designed Environment Agency’s Skills Portal with 13,000 users and 4 upgrades after initial deployment
* Managed breakdown of Sprint backlog as team leader using Agile methodology
* Provided project estimations for sales proposals based on Requirements Specifications

References available upon request.**Top of Form**