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| Nick Allan Data Engineer | Dedicated and results-driven data engineer with a background in FinTech and Consultancy and over twenty years’ experience in data processing. Specialised in Azure DevOps, pipeline management, delivering effective solutions aligned with business goals, striving for simplicity and clarity, ensuring innovative, high-quality solutions that scale with the business.  [nickallan.only@gmail.com](mailto:nickallan.only@gmail.com) | 07977 345305 | [LinkedIn Profile](http://uk.linkedin.com/in/nickallan) | Oxford, UK |

## Core Skills

* Azure DevOps: Cloud-based data pipelines and workflow automation
* Cloud data infrastructure: Azure SQL, ADF, Amazon Web Services
* SQL Server (Azure & On-Prem): SQL Server Agent, Azure SQL Databases
* SQL Development: T-SQL queries, stored procedures, views, UDFs, CTEs
* Data modelling: star and snowflake schemas for optimised storage and performance
* ETL & Data Migration: mapping, validating, and transforming data for import/export
* 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 April 2017 – Dec 2024

* Oversaw import of 14 million profiles, tripling the company’s portfolio and attracting new clients
* Led small team of SQL developers, ensuring effective delivery within an Azure DevOps environment
* Built end-to-end pipeline ingesting JSON from Python web-scrapers, dumped to S3, mapped to a data warehouse, and synchronised across SQL Azure datamarts to support Microservice Architecture
* Managed business-critical ADF pipelines, applying best practices ensuring reliability and stability
* Automated data quality workflow, validating business rules to publish profiles on client-facing website
* Fostered strong relationships with Management, Data Analytics and Development teams
* Designed and automated system to provide low cost, self-serve reporting to Data Analysts

Database Engineer – Winton Group August 2012 – March 2017

* Designed and created 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
* Maintained ETL Loader Library; re-usable modules quickly assembled into new data loaders

Lead Change Developer – Opus Energy Ltd November 2010 – August 2012

* Managed successful implementation of solutions to over 100 change requests using SQL and .NET
* Implemented Team Foundation Server (TFS) automated build and deployment
* Maintained database of industry data flow configuration: Electricity (MRA) and Gas (Xoserve)

DB Developer – Salary.com November 2005 – November 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
* Established “macro” approach for rapid prototyping of data models

## Professional Development

* Attended five SQLBits conferences around the UK since its launch in 2007
* ITIL Foundation – Service Management Essentials: Fox IT, Nov 2003

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