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| Nick Allan Data Architect | A dedicated and highly motivated data architect with over twenty years’ experience in database and software design. Specialised in translating business needs into actionable tasks, intuitive system design, client-focused solutions, leading teams and meeting deadlines.  [nickallan.only@gmail.com](mailto:nickallan.only@gmail.com) | 07977 345305 | [LinkedIn Profile](http://uk.linkedin.com/in/nickallan) | Oxford, UK |

## Core Skills

* Cloud Infrastructure: Microsoft SQL Azure, Azure Data Factory, Azure DevOps
* SQL Server (Azure & On-Prem): ADF Pipelines, SSIS, SQL Server Agent
* Data modelling: star and snowflake schemas for optimised storage and performance
* ETL & Data Migration: mapping, validating, and transforming data for import/export
* SQL Development: T-SQL queries, stored procedures, views, UDFs, CTEs
* Requirements analysis: translating business needs into clear, concise User Stories
* Documentation of processes, workflows, applications, and training material

## Relevant Experience

Data Architect – Diligencia April 2017 – present

* Oversaw import of 14 million profiles, tripling the company’s portfolio and attracting new clients
* Designed SQL Azure datamarts fed by data warehouse to support Microservice Architecture
* Assembled hybrid data pipeline, exploiting relative strengths of Azure and AWS ecosystems
* Streamlined SQL ETL processes, implementing solutions in C#, Python and PowerShell
* Automated Data Quality publishing workflow with SQL-based validation of company profiles
* Developed C# apps for reporting, ETL, SQL script deployment, and database source control
* Led team of senior and junior SQL developers using Agile Methodologies
* Fostered strong relationships with Management, Quality Assurance, Marketing and technical teams

Database Engineer – Winton Group August 2012 – March 2017

* Wrote C#/T-SQL mission-critical data feeds for use by billion-dollar trading algorithms
* Designed Fundamentals DB, to evaluate each company’s financial investment potential
* Implemented Rates DB & UI to support researchers with easy access to financial timeseries
* Provided recommendations to researchers & developers tackling large-scale, complex data challenges

Lead Change Developer – Opus Energy Ltd November 2010 – August 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
* Maintained database of industry data flow configuration: Electricity (MRA) and Gas (Xoserve)
* Deployed bespoke .NET/SQL applications, supporting users and partner suppliers

DB Developer – Salary.com November 2005 – November 2010

* Integrated BAE Systems’ CRM with core SaaS 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 Scrum methodology
* Created productivity toolset, optimising workflow for outsourced, China-based developers

## 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**