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| Nick Allan Software Developer | Adaptable C# Software Engineer with background in consultancy and Fintech and over twenty years’ experience in software and database design. Specialising in C#.NET, Azure and SQL, dedicated to continuous learning and the delivery of quality bespoke software solutions.  [nickallan.only@gmail.com](mailto:nickallan.only@gmail.com) | 07977 345305 | [LinkedIn Profile](http://uk.linkedin.com/in/nickallan) | Oxford, UK |

## Core Skills

* .NET Development: C#.NET, ASP.NET, Unit testing
* Object-Oriented Programming: TDD, SOLID Principals, Interfaces, Abstract Classes
* Database Engineering: SQL Server (Azure & On-Prem), Azure Data Factory, ETL
* Collaboration Tools: Git, DevOps, JIRA, Confluence
* Cloud Infrastructure: Azure DevOps, AWS
* Agile & Scrum Methodologies

## Relevant Experience

Data Architect – Diligencia April 2017 – present

* Oversaw import of 14 million profiles, tripling the company’s portfolio and attracting new clients
* Developed C# apps for reporting, ETL, SQL script deployment, and database source control
* Integrated Umbraco CMS into marketing website, documented and supported publishing process
* Streamlined SQL ETL processes, implementing solutions in C#, Python and PowerShell
* Designed and automated system to provide low cost, self-serve reporting to Data Analysts
* Wrote SQL Monitoring app in C# to identify blocking, deadlocks, and high CPU usage
* Designed Azure SQL datamarts fed by data warehouse to support Microservice Architecture
* Assembled hybrid data pipeline, exploiting relative strengths of Azure DevOps and AWS
* Collaborated with team of senior and junior SQL developers using Agile Methodologies
* Delivered clean, maintainable code, adhering to principles such as DRY, KISS and SOLID
* Pair-programmed with new recruits to minimise learning-curves

Database Engineer – Winton Group August 2012 – March 2017

* Delivered C#/T-SQL mission-critical data feeds powering billion-dollar trading algorithms
* Developed C# web-scraper applications to harvest competitor analysis data
* Built/maintained C# UI to support researchers with easy access to financial data
* Implemented ETL processes (C# and T-SQL) to import and normalise vendor data
* Maintained ETL Loader Library; C# modules quickly assembled into new loaders
* Implemented Rates database and UI to provide researchers with easy access to financial timeseries

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

* Successfully implemented solutions to over 100 change requests using SQL and .NET
* Deployed bespoke .NET/SQL applications, supporting users and partner suppliers
* Implemented Team Foundation Server (TFS) automated build and deployment
* Designed new SQL database schema and code to meet requirements of each feature request

DB Developer – Salary.com November 2005 – November 2010

* Integrated BAE Systems PeoplePortal with core product, securing many further lucrative projects
* Designed Environment Agency’s Performance Portal, securing loyalty with 4 upgrades for 13,000 users
* Led requirements analysis and backlog refinement using Scrum methodology
* Oversaw delivery of new client applications, including UI and backend SQL design

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