

Julian Joseph

I am a software/database developer and analyst with over 30 years' commercial IT experience. I am self-motivated and enthusiastic with excellent communication and problem-solving skills and a very strong academic and technical background. I am a quick learner and always seeking to improve my existing knowledge and acquire new skills. My record of contract renewals is testament to my ability to fit into a new team quickly and hit the ground running. I am dependable and hard-working, and a good team player with a pragmatic and positive approach.

KEY SKILLS

- Software design and development using C#/.NET Framework, JavaScript, Python
- API design, development and integration
- Data Quality Monitoring and Reporting using Power BI, Python, Excel
- Mentoring junior developers and providing clear and concise technical documentation for new team members
- Relational Database Design, Development and Implementation with SQL Server
- BI/ETL Development using SSIS/SSRS/C#
- In depth knowledge of Microsoft Office applications
- Agile Software Development and DevOps

QUALIFICATIONS

- Microsoft Professional Program: Introduction to Data Science Certification
- Microsoft Professional Program: Analysing and Visualizing Data with Power BI Certification
- UKSIP Level 3 Certificate in Investment Management
- Microsoft Certified Solution Developer
- MSc (Distinction) Information Systems Design – University of Westminster
- BSc (Honours) Zoology – University of Leeds

RECENT EMPLOYMENT EXPERIENCE

Work Break – Oct 2023 – present

Took a break from work for personal/family reasons

Nomura International - Senior Analyst/Developer (Contract) - Jan 2020 – Sep 2023

Senior Developer in a Global Project team (London, Mumbai, New York, Tokyo) working across a wide variety of projects. Liaising closely with stakeholders at all levels in analysis, development and testing as well as providing post implementation support and maintenance

- Developed a data reconciliation tool (C# .NET/JSON) which presents daily results for users via Power BI reports
 - Developed a custom ETL tool using C# and Factory Design pattern to replace legacy ETL processes writing data to SQL Server
 - Lead developer on a project to replace legacy source files with data sourced from a new API – this involved developing a new process to consume API data, continual liaison with end users and analysts from the API Team as well as extensive data quality monitoring
 - Responsible for mentoring junior developers and interns
 - Involved in streamlining the team's CI pipeline using Jenkins and custom Groovy scripts
 - Helped to automate source code control processes using GitLab API and PowerShell scripts
 - Developed a data quality monitoring tool using Javascript (React/Nest) and deployed via docker using Micro Frontend architecture
 - Developed a process to capture and enrich collateral data using Python and SQL Server with an Excel front end
 - Used jira and confluence to support Agile development practices and help with running daily scrum meetings
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Penguin Random House – Senior BI Developer – Apr 2019 – Jan 2020

Senior Business Intelligence Developer working on programme to consolidate data warehouse functionality from Penguin and Random House, using SQL Server, SSIS and IBM Netezza. Helped promote the use of source code control, jira, confluence and other best practices

Age UK – Data Integration Developer – Apr 2018 – Apr 2019

Lead Developer working on the charity's CRM (Customer Relationship Management) Data Warehouse platform, using Microsoft Dynamics and SQL Server with SSIS. The warehouse records all interactions with the charity, and is key to providing performance reporting and driving marketing campaigns. My main remit was to take an overview of the existing system and processes and target areas for improvement or refactoring.

Work Break – Jan 2018 – Apr 2018

Took a short break between roles to pursue various personal IT-related projects and do some volunteering

Nomura International - Senior Analyst/Developer (Contract) - Jul 2015 – Jan 2018

Lead Developer on a global Product Control project, providing analysis and reporting on Front Office vs Middle Office reconciliation, price verification and testing and end of day position reporting. Working with a team based in London and Mumbai, the application was delivered using a microservice architecture driven by test driven development using predominantly C# and SQL Server

UBS Global Asset Management – Senior BI Analyst/Developer (Contract) - Mar 2015 – Jul 2015

Working in UBS Global Asset Management Risk Control IT Team. Developing, maintaining and supporting a Risk Reporting Data Warehouse system

Threadneedle Investments – Senior BI Developer (Contract) - Aug 2012 – Mar 2015

Worked on several large data migration projects including analysis, design, build and integration of new data feeds. Using SQL Server, SSIS, SSRS. Optimisation and tuning of data after import into the data warehouse

Nomura International – Senior Analyst/Developer (Contract) - Nov 2010 – Aug 2012

A Senior developer within the Finance Technology Product Control team. Worked on a strategic project to implement a new PnL reporting and reconciliation tool for global deployment in Nomura.

Main responsibilities included design and development of SSIS packages and stored procedures to perform ETL processes with PnL data; investigation and resolution of production issues; designing and deploying tools for use by Environment Management staff.

Royal Bank of Scotland – Senior Analyst/Developer (Contract) - Apr 2010 – Oct 2010

Member of Global Banking Prime Brokerage IT Team. Worked on streamlining new client onboarding process, and rationalisation of existing clients using SQL Server, SSIS and RBS in-house products.

Nomura International – Senior Analyst/Developer (Contract) - Nov 2005 – Mar 2010

Member of Middle and Back Office Technology team. Worked on a wide range of intranet-based global applications within the Corporate, Finance and Operations functions of the bank, mainly implemented using ASP.NET and SQL Server. Key responsibilities included:

- Analysis/design of new projects
 - Extending, modifying and enhancing existing applications
 - Trouble-shooting and bug-fixing
 - User support
 - Mentoring users/developers from global offices
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ReformIS Solution Architects - Senior Consultant – Sep 2004 – Oct 2005

Developed and implemented an Operational Reporting system for Rank Group Gaming Division - providing detailed analysis of bingo hall visit data held in the Rank data warehouse. The system was deployed nationally to all Mecca Club Managers. Designed and developed custom components using SSRS API to manage a suite of weekly reports, ASP.NET/C# web interface, and SQL Server 2000 objects required to extract and aggregate data efficiently from Rank data warehouse

Other Personal Projects and Interests

- Writing a technical blog: <https://julianjoseph.github.io/>
- Volunteering at my local Code Club (<https://www.codeclub.org.uk>) – helping children learn how to code using Scratch, Python & HTML
- Maintenance of my cycling club's website (Dulwich Paragon <http://www.dulwichparagon.com/>)
- Learning MongoDB, Python and Python web development using Flask
- Various Raspberry Pi projects
- Keeping abreast of other technologies via Pluralsight courses (<https://www.pluralsight.com/>) and podcasts
- Running, cycling, and learning the piano
- Volunteering with Plan Zheroes – redistributing surplus food to homeless charities
- Registered as NHS Community Volunteer Responder