

Julian Joseph

I am a senior software developer with over 20 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 – either through my workplace, or in my spare time. I enjoy mentoring junior developers and seeing them progress.

Availability

I am currently taking a break from financial contract work to focus on other areas – in particular tutoring or teaching. Available immediately, and based in South London (SW16)

Key Skills

- Software design and development using C#/.NET Framework
- Relational Database Design, Development and Implementation with SQL Server
- Web design and development using HTML/CSS/JavaScript
- System Analysis, Object Oriented Design and Architecture
- Mentoring junior developers and providing clear and concise technical documentation for new team members

Current Voluntary/Spare Time Projects

- Volunteering at my local Code Club – helping children to learn how to code using Scratch, Python & HTML
- Learning Python and Python web development using Flask (using Pluralsight courses)
- Learning MongoDB
- Various Raspberry Pi projects (TwitterBot, Time Lapse photography, Music Centre etc)
- Redesign and development of my cycling club's website (Dulwich Paragon) using WordPress

Qualifications

- UKSIP Level 3 Certificate in Investment Management
- Microsoft Certified Solution Developer (MCSD – including SQL Server)
- Lloyd's of London Introductory Test
- MSc (Distinction) Information Systems Design
- BSc (Honours) Zoology

Recent Employment Experience

Skills

Nomura International - Senior Analyst/Developer (Contract) July 2015 – January 2018

Lead Developer on a global Product Control project, providing analysis and reporting on front office vs middle office reconciliation, price verification and testing, end of day position reporting. The application was delivered using the following technologies and approaches:

- C# .NET – using Visual Studio 2015
- SQL Server database
- Microservices – using NancyFx
- Agile Methodology
- Test Driven Development
- Continuous Integration using Team City

C#
SQL Server
Unit Testing

UBS Global Asset Management – Senior BI Analyst/Developer (Contract) March 2015 – July 2015

Working in UBS Global Asset Management Risk Control IT Team. Developing, maintaining and supporting a Risk Reporting Data Warehouse system. Fund data and externally provided analytics data is consolidated using Markit EDM (ETL), then exported to an Oracle data warehouse. This drives a Business Objects Universe which allows Risk Analysts to create and run their own reports.

Markit EDM
SQL Server
Business Objects
Oracle

Threadneedle Investments – Senior SQL Server/BI Developer (Contract) August 2012 – March 2015

Main Projects

Migration of Threadneedle's transfer agency to a new provider – including design, build and integration of new feeds into existing client holding data warehouse using SSIS; optimisation and tuning of existing SQL Server 2012 data warehouse to improve performance.

Design and build a new data mart to support Front Office reporting requirements built in SSRS, and ensure seamless integration of re-structured data sources resulting from migration of Threadneedle's outsourced back office services to a new provider

Markit EDM project to consolidate and centralise company's benchmark data received from external vendor; re-design existing benchmark data feeds to downstream applications; extensive testing to ensure that migration of benchmark data sources

Markit EDM
SQL Server
SSIS
SSRS

Nomura International – Senior Analyst/Developer (Contract) November 2010 – August 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.

C#.NET/VB.NET
.NET Framework 3.5/4
SQL Server 2005
SSIS/SSRS
ASP.NET (MVC/EF)

Royal Bank of Scotland – Senior Analyst/Developer (Contract) April 2010 – October 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.

C#.NET/VB.NET
SQL Server 2005
SSIS/SSRS

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

Member of Middle and Back Office Technology team. Worked on a wide range of global applications within the Corporate, Finance and Operations functions of the bank. 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

ASP.NET
C#.NET/VB.NET
.NET Framework 3.5
LINQ
SQL Server 2005
SSIS/SSRS
Ajax
Web Services
XML

ReformIS Solution Architects - Senior Consultant - Sep 2004 – Oct 2005

Client Assignments:

New Star Asset Management (Sep 2004 –Sep 2005)

Designed and developed a generic managed workflow system for input and collation of retail fund data from both internal sources and external data feeds. Fund data is mapped to a standard XML format, validated against a schema (XSD) and automatically published via an XML Web Service to a national centralised retail fund data hub. The workflow is managed using SQL Server DTS in conjunction with a C#.NET console application, with an ASP.NET/C# GUI.

ASP.NET
C#.NET/VB.NET
SQL Server 2000
DTS
Web Services
XML

Microgen/MMT Computing PLC - Consultant - September 2000 – September 2004

Client Assignments:

Rank Group Gaming Division (Jul 2004 - Sep 2004)

Developed and implemented an Operational Reporting system 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

ASP.NET
C#.NET
SQL Server Reporting Services
XML Web Services
SQL Server 2000

New Star Asset Management (Oct 2003 - Jul 2004)

Developed a system to administer an investment portfolio management service. Managed all technical aspects of the project, including authoring functional and technical specifications, systems architecture, design and implementation of database, website and web-based components, training and documentation for New Star users and support staff

ASP.NET
C#.NET
SQL Server 2000
SQL Server Reporting Services

Hobbies and Interests

- Cycling – active member of Dulwich Paragon CC
- Music – play guitar and piano, and regularly attend concerts
- Film/Literature
- Technology

Referees

- Available on request