

Mobile: +27 76 477 7342
Nationalities: British / South African
Languages: English (fluent) / Spanish / French

E-mail: jono.pare@gmail.com
Skype: jono.pare

Summary

I am a focused and self-motivated technologist who has spent more than 15 years working in finance, investment banking and global capital markets. I possess a keen interest in discovering the bigger picture by uncovering technical details and have developed a comprehensive understanding of computer networking and programming across numerous languages and platforms. These qualities, coupled with my creative flair and quantitative skills, make me the ideal candidate for a career where innovation, numeracy and a talent for design are needed.

Technical Skill Highlights

C#, SQL Server, Windows Services, WCF, WPF, ASP.NET, JavaScript, HTML, Excel, XML, Message Queuing, Grid Server, Unit Testing, Continuous Integration, Performance Testing, Design Patterns, Visual Studio, TPL Dataflow

Business Area Highlights

Finance, Fixed Income Analytics, Risk, Bonds, Credit Default Swaps, Derivatives Settlement

Career Experience

Jan 2010 - Jun 2018 Nomura International plc. (London)

Contract developer with Nomura's Treasury, Finance Product Control and Derivatives Operations Technology units. Responsible for increased capacity of existing cash payment systems to cope with CDS roll date volumes. Developed database index and partition strategies. Redesigned processes for higher throughput with Microsoft's Robotics tool kit. Implemented real-time performance monitoring across a number of servers. Decreased operational risk by boosting performance of long-running monthly Excel front-office versus back-office reconciliation reports. Led a team of six developers who built a WPF application to manage the bank's liquidity across multiple legal entities globally.

Oct 2007 - Aug 2009 UBS Investment Bank (London)

Contract developer with UBS Delta, an award winning fixed income portfolio analytic system. Responsible for developing and integrating DataSynapse GridServer services providing asset classification, risk, return attribution and cash flow analysis. Designed a custom system to build Excel reports. Learned various portfolio management and fixed income concepts to enable face-to-face professional interaction with our external clients and gathered requirements from end users.

Apr 2007 - Oct 2007 Royal Bank of Scotland GBM (London)

Contract developer within the Digital Business team. Responsible for implementing a visual redesign and managing the security of the public facing RBS Marketplace research portal with public key cryptography. Supported the FX and Prime Brokerage teams publishing research. Planned and delivered a high performance method of capturing site usage to enable management reporting. Designed a new index strategy to revitalise an overburdened 2TB database. Consulted with internal teams to enable wider usage of our common single sign-on product.

Jul 2006 - Mar 2007 Detica (London)

Senior Consultant on a bond and credit derivative portfolio analytics system. Responsible for developing techniques to allow clients to view multidimensional representations of asset allocation across numerous classifications. Redesigned computationally intensive operations to run on a DataSynapse grid network. Developed a small management information system to prioritise clients and account for work undertaken by marketers. Performed technical reviews of other in-house systems.

May 2005 - Jun 2006 Avanade UK (London)

Systems Analyst for an ASP.NET intranet application used by the global marketing team at EMI Music. Responsible for enhanced scalability and availability with load balancing and SQL Server clustering. Followed Accenture's business process framework guidelines to deliver a number of Microsoft technical solutions to the client.

Jan 2003 - Mar 2005 Korbitec (Cape Town)

Software Engineer for GhostEnquiry, a server application that unified more than 400 databases located in estate agency branches distributed country-wide. Responsible for replacing existing components with a faster and more reliable solution to reliably handle all concurrent requests with minimal latency.

Technical Architect for WebConvey, an intranet application hosted by a major South African bank. Responsible for analysis of the existing architecture in terms of reliability, scalability and performance, and delivered a recommendation for clustering, load balancing and scaling-out. Designed automated performance and functional tests.

Developer, Technical Writer and Product Support for ODBCExpress and Prof's Components projects. Responsible for clear and concise documentation of cryptographic, data access and concurrency components developed in-house. Better known clients include NASA and Boeing.

Professional Qualifications

2019 Amazon AWS Certified Solutions Architect Associate *[In Progress]*
2019 Chartered Financial Analyst (CFA) Candidate for Level 2
2011 Microsoft MCPD Web Developer 4
2006 Sun Certified Web Component Developer for J2EE
2006 Sun Certified Business Component Developer for J2EE
2006 Microsoft Certified Solution Developer for Microsoft .NET
2005 Microsoft Certified Application Developer
2002 Sun Certified Programmer for the Java 2 Platform 1.4

Tertiary Education

1999 – 2002 Bachelor of Science with Distinction in Economics
Rhodes University, Grahamstown, South Africa

UK Grade Equivalents: 1st Economics & 2.1 Computer Science
Dean's Merit List placement
Merit Scholarship awarded by Rhodes University, based on A-Level results
Tutored Java to first-year Computer Science students

Secondary Education

1992 – 1997 GCE A Levels and O Levels
Peterhouse School, Marondera, Zimbabwe

Academic scholarship to high school in 1992, and Art Prize in 1996
National U16 cycling champion for time-trial and road race in 1995
House Prefect responsible for 60 students in 1997
Finalist for the Old Mutual Mathematics Olympiad in 1997
Sports team member for Swimming, Hockey and Athletics

References are available on request.