

Jason Soo

Contact

Phone: 0490 508 397
Email: jasonsoooz@yahoo.com

Career Summary

Highly driven IT professional with track record for delivery and client service. Business oriented with international experience delivering value across full system lifecycle. Personable, collaborative, motivating cross functional teams for success. Extensive engineering skills developing strategic platforms. Solution focussed with risk management, identifying opportunities to automate and improve.

Technical Skills

- Design, development and architecture
- Leadership and mentoring
- Java / FIX
- Integration

Employment Summary

Macquarie Bank: 2005 – 2015

UK: Jan 2008 – Feb 2015

EMEA Software Engineer @ Futures & Options

Full service listed derivatives business servicing clients globally. Futures technology team works closely with the business, co-located on the trading floor in a lively and dynamic environment.

Achievements:

- Increased revenue by delivering futures spread execution on care order system
- Enabled clearing of european exchanges by integrating Fidessa Post Trade processing
- Complied to UK regulator by delivering FCA transaction reporting system (Spring / Hibernate)
- Enabled client trade recaps by delivering PATS trade order feed (Java Native Interface)
- Increased client trading by resolving TT Eurex intermittent price issues
- Enabled exchange connectivity by delivering Liffe → ICE exchange migration

Responsibilities:

- Electronic Trading, Order Management
- Direct Market Access (DMA), FIX Development / Connectivity
- Post Trade processing
- Regulatory project delivery (FCA)
- Exchange Connectivity (CME, Eurex, Liffe → ICE)
- Stakeholder management

Technical Environment:

- EMS = PATS / TT, DMA = Java FIX engine (Cameron), OMS = Fidessa, Post Trade = Clearvision, Java components (Spring, Hibernate), Database = Sybase / Microsoft SQL Server

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Australia: 2005 – 2007

Software Engineer @ RTGS Settlement & SWIFT Messaging

Extremely critical infrastructure enabling the bank to fund its business. Real Time Gross Settlement (RTGS): settlement's middleware messaging gateway links back office applications to the bank's SWIFT gateway.

Achievements:

- Delivered MQSeries replacement over legacy system. Messages are SWIFT real time payments, critical for messages to be persistent, secure & transactional with once-only delivery
- Improved MQSeries security using access control lists & IP blocking.
- Improved message security by delivering SHA-256 message digest for authentication & checksum verification.
- Improved performance by using performance tuning and variable commit points

Responsibilities:

- Solution design with transaction management of persistent queues & database
- Development of MQSeries connectors, incorporating robust error handling, logging & notification.
- Rigorous testing to ensure quality (unit, system, performance & regression tests)
- SWIFT development & RTGS support

Technical Environment:

- MQSeries server on solaris / linux. QMgr data (/var/mqm) running on central file structure remotely mounted on Prod & Backup server for failover. Database = Sybase on solaris, SWIFT protocol, Security trailer = SHA-256 implemented in C. Java components (Swing, Spring, Hibernate)

IBM Business Consulting Services: 2003 – 2005

Optus (2004 – 2005) - designer / engineer of 3G natural language multimode system for mobiles

Commonwealth Bank of Australia (2003 – 2004) – engineer of retail online banking system

PricewaterhouseCoopers Consulting: 1999 – 2003

Lumley Life (2002 – 2003) – technical lead, designer / engineer of life insurance system

Norwich Union (1999 – 2001) – designer / engineer of financial planning software

Education and Certification

University of Sydney	Bachelor of Electrical Engineering, Hons (1993 – 1997)
	Bachelor of Science, Computer Science (1993 – 1995)
Sun	Sun Certified Programmer for Java 2 Platform (2001)