Ban Luc

(+65) 8318 4134 ban.luc@gmail.com
Singapore PR

SUMMARY

- Software engineer with 10 years of hands-on experience developing enterprise scale banking applications. Strong technical and analytical skills with excellent track record of execution
- Extensive knowledge in prime brokerage custody and commodities businesses
- Strong interest in cloud computing technology. AWS Solutions Architect Professional and AWS Devops Engineer Professional Certified

---

TECHNICAL SKILLS

- Languages: Java, C#
- Databases: Sybase, MySQL, Oracle, SQL Server
- Operating systems: Linux, Windows

WORK EXPERIENCE

Morgan Stanley (06/2007 - 01/2017)
Commodities - Vice President (Singapore, 01/2013 - 01/2017)
Commodities - Associate (Singapore, 10/2010 - 01/2013)

- Lead a development team responsible for the trade lifecycle, order management, risks, and electronic trading systems for the precious metals trading desks in New York, London, and Singapore
- Developed an electronic trading platform to enable the metals desk to make market for illiquid London Metals Exchange base metals futures
- Implemented an electronic trading platform to provide pricing and trading of crude oil swaps to one of biggest banks in China
- Partnered with the firm's Equity technology teams to replace a high-cost and dated vendor-based execution system with the firm's market leading electronic trading platform
- Deployed all market data, execution, trade lifecycle, and risks systems necessary for a newly established trading business in Singapore to trade electricity in the Australian market

Prime Brokerage - Associate (New York, 06/2007 - 10/2010)

- Re-engineered the client trade file capture infrastructure to significantly increase the throughput and scalability of the entire post-trade plant
- Built an asset transfer and protection system that allows for easy and automated movement of client securities between prime brokers/custodians

- Developed an automated position adjustment process that identifies client illogical positions and fixes them by cancel/correcting or splitting of trades

Global Training Program - Trainee (New York, 02/2007 - 06/2007)

- Built a CRM system for the IBD Real Estate department in 4 weeks

JP Morgan Chase (02/2006 - 12/2006)
Broker Dealer Services - Intern (New York, 02/2006 - 12/2006)

- Liaised between developers and business stakeholders to keep track of ongoing projects and their progresses, and present weekly updates to the business and IT management teams. Resulted in higher transparency and more efficient resource allocation
- Coordinated a vendor team to produce system documentation for the department's broker dealer automation system
- Automated a daily process to bulk copy credit rating files made available by Moody, S&P, and Fitch into an Oracle database, consumed by the securities lending system

---

EDUCATION

Stony Brook University (New York, 09/2003 - 12/2006)

- B.S. double degree in Computer Science/Applied Mathematics and Statistics
  Honors: Magna cum laude
  2005-2006 SVAM International Inc. Scholarship

CERTIFICATIONS

- AWS Solutions Architect Professional, AWS Devops Engineer Professional
- AWS Solutions Architect Associate, AWS Sysops Associate
- Passed all 3 CFA exams
- Society of Actuary exams P, F/M, M

LANGUAGES

- Fluent in Mandarin, Cantonese, Vietnamese