



Jiin Joo Ong

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Malaysian Citizen, Singapore Permanent
Resident, born 25th Jul 1980, Single

Objective : Seeking to leverage my breath of experience to create a larger impact to society.

Work Experience

Nov 07 (current)

Infocomm Development Authority, Next Generation Services Development, Manager

Main responsibility is to chart out the course for Next Generation Services on the upcoming high speed National Broadband Network, catalyzing innovation across all industries to create a vibrant ecosystem in Singapore.

- Study, develop and promote the setup of innovation centers in Singapore that focuses on delivering next generation services, in collaboration with the industry, primarily healthcare, education, transport and security.
- Discover, connect and solidify ideas from both supply and demand side of the network, formulate projects that would have long term impact to the economy and society, seek resources to initiate them
- Articulate IDA's Next Generation Infrastructure's vision to the world, develop economic models to support government subsidy to services, safeguard businesses' interests, ensure fair competition on the new platform

Sep 06 – Oct 07

Singapore Computer Systems, Technology Innovation Centre, Technology Evangelist

Main responsibility is to spearhead businesses in new technical areas, bring internal and external customers up to date with the latest technologies and trends.

- Create close partnerships with tertiary education institutions such as Nanyang Polytechnic (NYP), by managing collaborative projects between SCS's business units (BU) and NYP's Centre of IT Innovation.
- Scout, survey, evaluate, and select the technology partners (ISV) to partner with SCS in projects. This includes creating Proof of Concept opportunities and match making BU issues to workable solutions.
- Articulate SCS's vision in being a trusted provider of trusted solutions through presentations and training for technologies implemented internally as well as technology selected for our customers and channels.
- Foster technical communities, promote the benefits of maturing products, set expectations for early adopters, negotiate prices, provide consultancy for hard problems and drawing upgrade roadmaps.

Sep 05 – Aug 06

SCS e-Procurement (formally TX123), Technical Lead

Main responsibility is to take technical ownership of a legacy Electronic Procurement System, with DBS Bank and ST Electronics as primary customers. Also involved in pre-sales technical support.

- Maintain Software as a Service (SaaS) procurement application for hundreds of buying and selling companies, with a small team comprising of 2 developers and 15 operations personnel.
- Propose and negotiate for platform improvements, remedy all system issues, manage scope and execute changes in requirements from inception to implementation, and placate demanding customers.
- Pilot new technology changes, such as championing the use of ILOG Business Rules Management Systems, performing .NET migration, delivering Business Intelligence reports to the customers.

Aug 04 – Aug 05

Amazon.com LLC Enterprise Commerce Services, Software Development Engineer

Main responsibility is to deliver "Powered by Amazon.com" websites to partners such as Target, NBA, apparel merchants like Bebe, and furniture retailers like Bombay.

- Harness the Services Oriented Architecture (SOA) to create the ultimate configurable Perl/Mason based web application to allow the quickest time to develop an online presence for any vendor who wishes to utilize the set of tried and tested features of Amazon.com (including patented ones).
- Establish build/test/deploy processes in a highly Agile/Scrum style of collaboration between 10 Seattle engineers and 80 Infosys outsource engineers, half of which are mentored offsite in Bangalore.
- Contribute significantly to the e-commerce platform development, specifically in improving service request concurrency, setting HTML rendering standards, hardening external integration interfaces.

Freelance Experience

2001 – iCapital Newsletter Online (www.icapital.biz). With a team size of 4 under a 25K USD budget, we developed an end-to-end Content Management System for *Capital Dynamics Pte Ltd*, a stock market specialist co., including a secure online newsletter, integrated with a workflow application to streamline the workforce.

2004 onwards – create or operate a handful of websites, including www.wongchunwai.com, www.impianku.org, www.recom.org, smf.stanford.edu, www.philharmonicwinds.org, etc. both for profit and volunteering.

Internship Experience

2003 – Amazon.com Communities, focus on building a Web Services platform for Registries that enables 3rd party merchants that maintains in-store registry kiosk to be in sync with Amazon.com Registry asynchronously.

2002 – Amazon.com Retail Applications, support all merchandizing technologies, i.e. Order Pipeline, Returns, Your Account, etc. focus on revamping and optimizing the Returns website in anticipation of Apparel launch.

2001 – SCS Internet Data Centre, design and implement “Contact Intelligence”, an in-house web-based application that captures and utilizes information from sales-personnel, replacing MS Outlook as the primary tool for organizing and reporting sales activities.

Teaching / Research Experience

2003 – End Systems Multicast, a new technology that enables live, interactive audio and video-based streaming application by a unique distributed coordinated mechanism that enables end systems to self-organize into data-distribution tree structures. Project professor was Dr. Hui Zhang.

2003 – Teaching Assistant: Introduction to Computer System, tutoring some 40 students on a recital and one to one basis to understand computer systems from the perspective of a programmer instead of a system implementer. Course professor was Dr. Bruce Maggs and Dr. Seth Goldstein.

Education

2003 – 2004 **Stanford University, USA** Masters in Computer Science

2000 – 2003 **Carnegie Mellon University, USA** Bachelors in Computer Science, Double Major in Economics

1998 – 1999 **Hwa Chong Junior College, Singapore** GCE A-Levels

Awards, Achievement and Certification Highlights

- Passed *CFA* level 1 (2008)
- Member of Singapore Computer Society (2007)
- Oracle *Enterprise Grid Architect* Certification and various certifications in ILOG Business Rules, SQL Server, K2.NET, IT Project Management (2005, 2006).
- *Ambassador Award* for Outstanding Performance in Undergraduate Studies and Active Involvement in Campus Activities (2003)
- Small Undergraduate Research Grant (SURG)*Multi diff-drive motors in rescue operations* (2001)
- Economic Development Board (EDB) *Singapore Inc (SIS) Overseas Full Scholarship* (2000)
- Ministry of Education Singapore..... *ASEAN Pre-U Scholarship for 2 years of A-levels* (1998)
- Malaysia Mathematics Olympiad*1st runner-up* (1997)

Other Skills & Interest

- *Languages*: Speaks and write excellently in English and Chinese, proficient in Cantonese, Malay and Hokkien.
- A concerned citizen for both Malaysia and Singapore. Blogs avidly on wp.iijnjoo.com and participates heavily in social networking technologies online and offline.
- A community leader: Student Leader for ASEAN Scholars, President for Catholic High School Band, Co-chair of Malaysian Students Association in Stanford, Treasurer in CMU Budaya.
- Programming Languages (in decreasing proficiency): HTML, C#, VB, SQL, Perl, PHP, Java, XML/XSLT, JavaScript/JSON, Ruby, C++, C, Scheme, SML, etc.
- Proficient software / platform: all versions of Windows development i.e. Visual Studio, SQL Server, IIS, BizTalk, etc. sufficient RHEL and Linux development, Eclipse and Java development, some Unix, Solaris.
- Other recent technical depth at Application Lifecycle Management (ALM) and Software Configuration Management (SCM) using Borland StarTeam, involvement in Enterprise Grid technologies, Business Workflow Management (BPM) technologies and Virtualization technologies.
- Music is a major pastime and side business

- Plays the Trombone semi-professionally in The Philharmonic Winds, The Philharmonic Orchestra, and many other freelance engagements in Singapore and Malaysia.
- Arranges music primarily for concert band and small group ensemble with 15 years of experience in bringing classical, folk and ethnic music to the popular music scene.
- Runs a company Useful Music, which provides music arrangement services, gig performances, independent music publishing and incubates music technologies.
- Enjoys swimming, cycling, and running. Training for my first marathon by end 2007.