

EXPERIENCE

- **Siteminder** Sydney, Australia
Technical Team Lead Oct 2017 - Present
 - Provide technical direction to scrum team
 - Designed and implemented microservice for Kubernetes environment
 - Promoted to Tech Lead on 24 Nov 2019 (was Senior Software Engineer previously)
 - Worked on transforming a monolithic application to a microservice architecture
 - Worked/Lead on key company projects e.g platform transformation
 - **Technology:** groovy, kotlin, grails, grapql, kubernetes, terraform, helm, grafana, prometheus, spring, hibernate, reactor, mysql, docker, aws
- **World Manager** Sydney, Australia
Senior Software Engineer Jul 2016 - Sep 2017
 - Designed and developed a Protobuf based REST Microservice
 - Re-implemented Seek Integration with the World Manager platform
 - Migrated recruitment related pages from PHP to Angular
 - Implemented integration with Broadbean
 - **Technology:** scala, java, gradle, spring, angular, hibernate, mysql, protobuf, oauth2, scalatest
- **Advanced Micro Devices** Singapore
Senior Product Development Engineer Jun 2011 - April 2016
 - Architect and developed a tool that allows translation of test program from one tester platform to another. Selected for internal Technology Showcase
 - Created a c++ parser for domain specific language
 - Managed all Bamboo Continuous Build Plan for the ATE Client Team
 - Initiated Innovation Project to encourage engineer to spend some of their free time to explore project ideas
 - Authored Technical Solution paper on how to transform key infrastructure from single threaded model to concurrent model
 - Developed the feature to allow execution of python script within C++ application
 - Developed a dependency graph tool using D3.js to highlight dependencies between various test program modules
 - Part of the team that rewrote application in Golang
 - **Technology:** c++, java, golang, guice, maven, gradle, osgi, antlr, sablecc, waf, make, swig, protocol buffer, zeromq, google test, mockito, powermock, selenium, git, apache, php, perl, python, bash, bamboo
- **Great Eastern Insurance** Singapore
Senior Software Engineer Nov 2010 - Jun 2011
 - **Technology:** java, spring, hibernate, struts 2, tomcat, oracle, python, svn
- **Barclays Technology Centre** Singapore
Software Consultant May 2009 - Oct 2010
 - **Technology:** java, jsf, spring, hibernate, websphere, ehcache, dynacache, jquery, javascript, svn
- **NovaCityNets** Singapore
Senior Software Engineer Nov 2008 - May 2009
 - **Technology:** java, struts 2, tomcat, javascript, extjs, hibernate, spring, jackrabbit, ant
- **Autoscan Technology Private Limited** Singapore
Senior Software Engineer Oct 2001 - Oct 2008
 - **Technology:** java, oracle, jsf, glassfish, vb 6, swing, spring, hibernate, pl/sql, sql

SKILLS

- **Programming Languages:** java, c++, python, groovy, go, scala, kotlin, javascript, typescript
- **Database:** mysql, oracle
- **Infrastructure:** kubernetes, terraform, helm, aws, docker
- **Frameworks:** spring, hibernate, webflux, grails
- **Application/Web Servers:** apache, tomcat, glassfish
- **Build Tools:** make, maven, gradle, waf, ant
- **Protocols:** web services, rest, protocol buffers
- **Source Controls:** svn, git
- **Testing Frameworks:** junit, google test, mockito, powermock, selenium
- **Continuous Integration:** bamboo, teamcity, buildkite
- **Operating System:** windows, linux
- **Others:** sql, swig, xml, json, antlr, zeromq

EDUCATION

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|---|----------------------------------|
| • National University of Singapore
<i>Master of Software Engineering</i> | Singapore
<i>Jun. 2013</i> |
| • Monash University
<i>Bachelor of Information Technology</i> | Australia
<i>May. 2017</i> |
| • Singapore Polytechnic
<i>Specialist Diploma in Statistics and Data Mining</i> | Singapore
<i>March. 2012</i> |
| • Ngee Ann Polytechnic
<i>Diploma in Computer & Electronics Engineering</i> | Singapore
<i>August. 2001</i> |

CERTIFICATION

- AWS Certified Developer Associate - May. 2018
- Linux Professional Institute Level 1 Certified - Jan. 2013
- CompTIA Linux+ Jan. 2013