

# Tabiul Mahmood

Technical Lead

## CONTACT

**Email** [tabiul@gmail.com](mailto:tabiul@gmail.com)  
**Phone** xxxxxx

## LOCATION

**Address** xxxxxx  
**Region** NSW

## PROFESSIONAL SKILLS SUMMARY

**Programming Languages:** java, c++, python, groovy, go, scala, kotlin, javascript, typescript  
**Database:** mysql, oracle  
**Infrastructure:** kubernetes, terraform, helm, aws, docker  
**Frameworks:** jsf, wicket, jquery, hibernate, spring, grails, struts 2, guice, osgi, webflux, reactor  
**Application/Web Servers:** apache, tomcat, glassfish, websphere  
**Build Tools:** make, maven, gradle, waf, ant  
**Protocols:** web services, rest, soap, protocol buffers  
**Source Controls:** svn, git  
**Testing Frameworks:** junit, google test, mockito, powermock, selenium  
**Continuous Integration:** bamboo, teamcity, buildkite  
**Operating System:** linux, windows  
**Others:** sql, swig, xml, json, antlr, zeromq, jira

## WORK EXPERIENCE

2017-09-18 TO PRESENT

### Tech Lead at Siteminder

- Provide technical direction to a team of 4 engineers
- 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, GraphQL, Kubernetes, Terraform, Helm, Grafana, Prometheus, Spring Boot, Hibernate, Spring Webflux, Reactor, MySQL, Docker, AWS

2017-09-18 TO PRESENT

### Senior Software Engineer at World Manager

- 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 Framework, Spring Boot, Spring Security, Angular, Hibernate, MySQL, Protobuf, OAuth2, ScalaTest

JUN 2011 TO APRIL 2016

### Senior Product Development Engineer at Advanced Micro Devices

- 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

	<ul style="list-style-type: none"> <li>Authored Technical Solution paper on how to transform key infrastructure from single threaded model to concurrent model</li> <li>Developed the feature to allow execution of python script within C++ application</li> <li>Developed a dependency graph tool using D3.js to highlight dependencies between various test program modules</li> <li>Part of the team that rewrote application in Golang</li> </ul> <p><b>Technology:</b> 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, JIRA</p>
NOV 2010 TO JUN 2011	<p><b>Senior Software Engineer at Great Eastern Insurance</b></p> <p><b>Technology:</b> Java, Hibernate, Spring, Struts2, Python, Oracle, SVN</p>
MAY 2009 TO OCT 2010	<p><b>Software Consultant at Barclays Technology Centre, Singapore</b></p> <p><b>Technology:</b> Java, JSF, Spring, Hibernate, Websphere, EhCache, DynaCache, JQuery, Javascript, SVN</p>
NOV 2008 TO MAY 2009	<p><b>Senior Analyst Programmer at NovaCityNets</b></p> <p><b>Technology:</b> Java, Struts2, Tomcat, Javascript, ExtJS, Hibernate, Spring, JackRabbit, ANT</p>
OCT 2001 TO OCT 2008	<p><b>Senior Software Engineer at Autoscan Technology Private Limited</b></p> <p><b>Technology:</b> Java, Oracle, JSF, Glassfish, Visual Basic 6, Swing, spring, hibernate, PL/SQL, SQL</p>
EDUCATION	<p><b>National University of Singapore, Singapore</b></p> <ul style="list-style-type: none"> <li>Master: <i>Software Engineering</i></li> </ul> <p><b>Monash University, Australia</b></p> <ul style="list-style-type: none"> <li>Bachelor: <i>Information Technology</i></li> </ul> <p><b>Singapore Polytechnic, Singapore</b></p> <ul style="list-style-type: none"> <li>Specialist Diploma: <i>Statistics and Data Mining</i></li> </ul> <p><b>Ngee Ann Polytechnic, Singapore</b></p> <ul style="list-style-type: none"> <li>Diploma: <i>Computer &amp; Electronics Engineering</i></li> </ul>
PROFILES	<p><b>Github</b></p> <ul style="list-style-type: none"> <li><a href="https://github.com/tabiul">https://github.com/tabiul</a></li> </ul> <p><b>linkedin</b></p> <ul style="list-style-type: none"> <li><a href="https://www.linkedin.com/in/tabiul-mahmood-0483264a/">https://www.linkedin.com/in/tabiul-mahmood-0483264a/</a></li> </ul>