

# Hui Liang (Leo)

## Software Engineer, Auckland, Work Visa

I am a capable IT professional person with more than 12 years of extensive experience in the full-cycle of software testing&development, including requirements analysis, software implementation, integration & testing, troubleshooting and maintenance by using multiple programming languages as well as testing tools in Windows, Linux, Embedded OS, Web and mobile development environments. I was involved deeply in Scrum & Agile development cycle since 2009 until now, which helped me obtain practical skills including Continuous Integration&Delivery, Exploratory Testing, Test Driven Development, Peer Review etc as well as tools like Jira, Git, Gerrit, SVN, Jenkins etc. I also gained many management skills by taking roles such as project coordinator, fault coordinator and Scrum Master (Team Leader). I'm a person who can be self-motivated and positive, and is a good team player because I always communicate with others openly and timely, and helpful to other team members.

## Experience

### 2014.11 – 2017.11      **Software Engineer, Specification Engineer**

*Nokia, Radio Network Business Group, China*

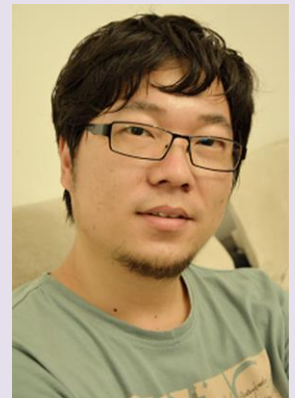
I do software specification work for Nokia Radio Network related products BTS Mediator(**BTSMED**), and as both developer and tester for one company internal-usage website – **Meetup**. Meetup is a Node.JS based website and was used by more than 4000 users for technical events post and management.

#### **Main responsibilities:**

- o Deliver software code and test features for 'Meetup'
- o Software requirement specification for BTSMED

#### **Activities:**

- o Meetup:
  - Used languages&framework, scripts and DB: JS/Node.js/React/Redux/JQuery/Bootstrap/HTML/CSS/MySQL
  - Perform unit test by Mocha/supertest.
  - Designed some RESTful API. And all data is in JSON format.
  - Used Robot framework and Selenium library to perform automatic web testing.
- o BTSMED:
  - Do BTSMED software User Case/Scenario specification
  - Approve BTSMED acceptance cases, and ensure that test cases are traceable back to product requirements



## Personal Info

### Phone

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### E-mail

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### Date of birth

1980-11-10

## Skillset

Robot Framework	Selenium
CI	CD
Jenkins	Hudson
TCP/IP/HTTP /UDP	HTML& CSS
React	Redux
Python	C
Javascript/Node.js	jQuery
Ajax	SQLServer
MySQL	Sybase
Sails,Ngix, Apache	Linux / Ubuntu
Agile	Scrum
Git, SVN, Gerrit	Gitlab
Cloud, VMWare	Docker

**2006.06 – 2014.10      Software Engineer, Scrum Master**  
*Nokia, Radio Network Business Group, China*

I am a software engineer of Nokia, and participate in Nokia Radio Network related products mainly for Radio Network Controller (RNC) and LTE Base Station, which is based on Linux Embedded OS.

**Main responsibilities:**

- o Deliver software code and test features in functional (most of time) as well as non-functional level.

**Activities:**

- o Used languages and scripts: Robot Framework&Python/Linux Shell/C
- o Issues/bugs reporting, troubleshooting and fix verification.
- o Maintenance for automatic testing cases and scripts.
- o Test plan and test report writing
- o Integrate test cases into Continuous Integration framework
- o Coordinate cross team/inside team cooperative activities, and mentor junior colleagues.

**Achievement:**

- o Was ever one of excellent 'bug hunters' in the development unit (2010-2011). Find more software bugs and low leaking ratio to upper testing level.
- o Applied automation testing tools such as Robot framework and libraries. Almost 100% test automation ratio. BDD and TDD concept both applied in the project.
- o One of founders for Continuous Integration Framework, and integrated more than 2000 Functional Test Cases in 3 months.
- o Used bug management system like Jira, Pronto (Nokia privately owned) and Confluence.

**2005.04 – 2006.06      Software Engineer**  
*Hundsun Electronics, Financial Software Product Line, China*

I'm a software engineer of Hundsun Enterprise Fund Management System and then be a Resident Engineer for many roll-out customers. This fund management system was developed for biggest banks and enterprises in China.

**Main responsibilities:**

- o End-to-End responsible for developing and testing important software features e.g. cash transfer, cash sweep, balance inquiry, enterprise banking account management.

**Activities:**

- o Used languages and scripts: Linux &C/Delphi
- o Requirements Analysis, Software Design and Implementation.
- o End to end System Integration in lab, customer site roll-out and acceptance testing.
- o Technical Support, issue troubleshooting and pre-sale support.
- o Database maintenance based on Sybase and MSSQL Server; DB stored procedure scripting.

## Education and Continuous Personal Development

**2002.09 – 2005.01      Zhejiang University, China, Software Engineering, Master**

**1998.09 – 2002.07      Yunnan University, China, Communication Engineering, Bachelor**

<b>CPD Activities (2005 - Now)</b>	2005	Technical Lecture	Sybase
	2008	Workshop	Test Automation
	2012	Workshop	Git & Gerrit
	2011	Workshop	Continuous Integration Framework
	2015	Online Training	Agile software testing
	2010	Workshop	Exploratory Testing
	2010	Classroom Training	Overview of IP and Ethernet Technology
	2011	Classroom Training	TCP/IP
	2012	Workshop	Root Cause Analysis and Escaped Defects Analysis for SW and HW
	2012	Online Training	ISTQB
	2012/2013/2016	Online Training	I Own Quality
	2013	Workshop	Lean Six Sigma for Beginners
	2014	Online Training	General Nokia Cloud introduction
	2012	Technical Lecture	Python Basic
	2016	Discussion Group	Javascript/React/Redux/Node.js
	2008	Classroom Training	Scrum & Agile development
	2009	Classroom Training	Certified Scrum Master training
	2007/2015	Workshop	Design Failure Mode & Effects Analysis
	2013	Technical Lecture	Linux Multi-Thread Programming
	2017	Online Training	Design for Security