



Lin (Tim) SHI

Senior Quality Assurance Engineer

PROJECTS

2015 "CAT" REGRESSION TEST SUITE
- TELERIK TEST STUDIO

2016 "CADENCIE" PERFORMANCE TEST
- FINSIM, WIRESHARK, JMeter

2016 "MYSCCOER" CONTENT
MANAGEMENT SYSTEM
- PYTHON, FLASK, JINJA2

2016 "QA PLUS" QA TOOLBOX
- BOOTSTRAP, JAVA

2017 "ASORT" PAYMENT SYSTEM
REGRESSION SUITE
- JAVA, SELENIUM, CUCUMBER, JENKINS,
SPRING, MYBATIS, JUNIT4, MAVEN

2017 "RAVENSTONE" CONSTRUCTION
MANAGEMENT SYSTEM
- REACT APOLLO GRAPHQL DYNAMODB
NODEJS

2018 CUSTOMER SERVICE PLATFORM
AUTOMATIC REGRESSION SUITE
- JAVA, SELENIUM, CUCUMBER, SPRING,
JUNIT4, MAVEN

2019 READYHUB TEST AUTOMATION
FRAMEWORK
- SELENIUM, CUCUMBER, SPRING-BOOT,
JUNIT4, MAVEN, ALLURE2, REST-
ASSURED, SELENIUM, DOCKER

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> ABOUT ME

- Experienced QA Engineer with a demonstrated history of working in the financial services industry, telecom industry, and airline industry.
- Strong quality assurance professional skilled in Agile Testing, Functional Testing, Integration Testing, Regression Testing, Visual Regression etc.
- Ability to independently design, setup, develop, and maintain automation frameworks (Java Selenium Stack).
- Familiar with using test automation tools such as Selenium, Webdriver, Cucumber, Allure2, Pact, Rest-Assured, Appium, Selenide, Webdriver.io, Cypress, etc.
- Familiar with using DevOps tools such as Jenkins, Travis-CI, Solenoid, Docker, Teamcity, GoCD etc.
- Excellent skills in FINSim (including stress and performance testing) and other finance simulators.
- Solid skills in Java, Java development frameworks, C#, Azure, SQL/NoSQL, React, NodeJS, GraphQL, Express, Python, Flask, Google Cloud and AWS related technologies.
- Substantial experience in testing different types of Web Services such as Restful API, Soap, Web Socket.
- Experienced in several commercial projects as a full stack developer.
- A person who is ambitious, passionate, and easy to communicate. Always with great enthusiasm for solving problems and creating new things. Also, a graphic, UI/UX design lover, and a soccer player.

> EXPERIENCE

📍 SUNCORP NZ (CONTRACT)

Jun 2018 – Jun 2019

- Work with Broker Application Train as a Senior Test Engineer.
- Developing and upgrading the automation test framework for bot UI and API
- Perform manual testing when needed.
- Refactoring current framework and leading major dependency version upgrade.
- Code review, and provide technical support

📍 SENIOR TEST ENGINEER AT ANZ (CONTRACT)

Jul 2021 – Recent time

- Work across ANZ Chatbot, Fastpay, and Wallet Integration Service project.
- Maintain and update automation tests on a Java based test automation framework.
- Build UI, API, Mobile, and Performance tests within an Agile working environment.
- Provide high-level test strategy for Chatbot and Fastpay project.
- Optimize squad CI/CD process, setup automated develop life-cycle pipeline with Teamcity.
- Perform code review and guidance to the junior developer.
- Involve in major infrastructure change such as setup K8s/Apigeer, and DB migration (from cloud non-sql to cloud sql).
- Testing on Google cloud platform including cloud function, DialogFlow, firestore, etc.

📍 SENIOR TEST ENGINEER AT AIR NEW ZEALAND (CONTRACT)

Feb 2021 – Jul 2021

- Working in Fare & Availability Domain, test and maintain Customer Integration platforms such as Quote Engine, Quote Cache, etc.
- Maintain and update automation tests on Java (Dropwizard, Cucumber, etc.)
- Build API test automation framework (Rest-Assured) follows the company policy. And integrate the framework with the GoCD pipeline.
- Build and design API load test independently with JavaScript and Postman (Newman).
- Perform manual testing when automation test is not applicable.

📍 AUTOMATION SPECIALIST AT VODAFONE NZ

Jun 2019 – Feb 2021

- Setup automation testing framework for Enterprise Self-service Portal from scratch. This is a fully automated framework which could perform UI, Functional, Integration, and Regression test in parallel on docker.
- Support eShop project setup their automation framework.
- Support Chatbot project setup their automation framework.
- Work closely with DevOps team to setup Jenkins Pipeline for automation tests.
- Participate in automation technology selection and provide guidance.
- Interview and mentor Graduate Test Engineer.
- Manual and Automatic perform the analysis and testing of Soap and Rest Web Services.

AUTOMATION TEST ANALYST AT HUMM GROUP

Jun 2018 – Jun 2019

- Plan and execute manual, performance, stress test against our credit card platform (Including Card Management System, Customer Service Portal, Merchant Service Portal, Web Services etc.).
- Involved in plan, design, setup and develop overnight automatic regression test suite from scratch.
- Create, execute and manage performance and stress test scripts.
- Manual and Automatic perform the analysis and testing of Soap and Rest Web Services.

AUTOMATION ENGINEER AT WIRECARD NZ LTD.

Mar 2016 – Jun 2018

- Plan and execute manual, performance, stress test against our credit card management system - "Cadencie".
- Completely independent plan, design, setup, develop, test and deploy overnight automatic regression test suite "ASORT" from scratch.
- Provide technical support, testing tool develops and strategic direction to the QA team.
- Employ with industry-leading software and open source technologies such as FINsim, Selenium Webdriver, Cucumber, Mybatis, Spring-boot, Junit4, Allure, Jenkins.

AUTOMATION TEST ANALYST AT ACCORDO GROUP LTD.

Dec 2015 – Mar 2016

- Plan and execute manual test on their customer management system - "CAT".
- Plan, develop and execute automation script via Telerik Test Studio.

EDUCATION

Master of Software Engineer at University of Auckland

Feb 2020 – Recent time

Part time study at UoA. Main subject including Advanced Software Development, Software Requirement Engineer, Parallel Computing, and etc.

Graduate Diploma in Computer Science at AUT

Jul 2014 – Aug 2015

Excellent completion of the following courses. Applied_HCI, Artificial Intelligence, Data and Process Modeling, IT Project Practice and Management, Information Security Management, Logical Database Design, Microsoft Virtual Academy, Programming 2, Software Engineering

Microsoft Student Accelerator

Feb 2015 – Dec 2015

Microsoft technology ecology learning. Complete two Web application projects independently. Learn how to program with C#, TypeScript, Azure and other related Microsoft technologies.

Physical Education at Shenyang Sports University

Sep 2006 – Jul 2010
