

Brian Fung

Melbourne, Australia

Professional History

Kmart

Software Test Engineer

Melbourne

September 2021 – Present

- Quality Engineer for the customer account and identity team.
- Lead proponent of Kmart Online's automation framework and performance testing initiatives.
- Quality chapter lead with the responsibility mentoring and guiding its members in automation.

Two Bulls

Senior QA Engineer

Melbourne

September 2019 – August 2021

- Quality Engineer responsible for the test strategy, test creation, test execution and automation in agile environments for web and mobile based applications.
- Integrated end to end tests that were run on local machines to existing CI/CD pipeline for the Scouts project to support the ongoing development team's automation efforts.
- Developed an automated test solution as part of the Beyond Now support contract to test live builds for new iOS and Android OS releases.
- Created numerous CI/CD pipelines for native iOS and Android projects, including Game Engines.

QA Engineer

May 2017 – September 2019

- Responsible for test creation, execution and automation in both agile and waterfall environments on desktop and mobile based applications.
- Created a CI/CD pipeline for a cross platform video distribution platform for the core, desktop and mobile application streams.
- Created a script to install test builds on iOS and Android mobile devices for exploratory, greatly reducing manual test set up time.

Rohde&Schwarz

Engineering Intern

Singapore

November 2015 – February 2016

- Developed a Wireshark dissector plugin in Lua for the EB500 Monitoring Receiver, to help troubleshoot issues in the development workflow.
- Worked with Senior Test Engineers to improve test automation scripts for the EB500 Monitoring Receiver and assisted in regression testing activities as part of firmware releases.

Featured Projects

Kmart Online

September 2021 – Present

- Kmart Australia and New Zealand's online ecommerce web application serving millions of customers

Scouts Australia

July 2021 – August 2021

- A youth digital web platform to uplift the existing pen and paper Scouts system.

Service Victoria

April 2021 – July 2021

- A mobile app to check-in throughout Victoria and securely store and share your identity including things like licences and permits.

28 by Sam Wood

August 2020 – October 2020

- A fitness and nutrition mobile app to help people live their life better by bringing life-changing fitness and nutrition to every home.

Covidcare

Mar 2020 – April 2020

- A mobile app linking patients in self-isolation to doctors at the front-line of the Covid-19 pandemic, partnering with Melbourne University.

Beyond Now

Jan 2018 – September 2021

- Beyond blue's suicide safety planning app that assists you to create your own suicide safety plan; a plan to keep you safe when experiencing suicidal thoughts.

Althea Concierge

March 2019 – April 2019

- A web and mobile app service that simplifies the medicinal cannabis application process for patients and healthcare professionals, making it easier for patients to access the support they need.

Sesame Street Yourself

September 2018 – December 2018

- An engaging mobile Augmented Reality experience enabling children to sing and play along with their favorite screen characters.

Verizon Digital Kiosk

2017 – 2018

- Communications hubs that connect people to important and useful information - providing weather and emergency alerts, maps and local community information about transit, restaurants, businesses and events.

Skills

Languages: Typescript, Python, Bash, Swift, Kotlin, Lua, \LaTeX

Test Automation: Webdriver.io, Playwright, Cypress, XCUITest, Appium, Browserstack, Postman, Wiremock, AWS Device Farm

CI/CD Github Actions, Jenkins, Gitlab, Bitrise, Buddybuild, Codepipelines, Docker

Performance: Jmeter, Locust, k6

AWS: S3, Cloudformation, Cloudfront, Route53, Codepipelines, Lambdas, Chatbot

Networking: Wireshark, Charles proxy

Training and Certification

OWASP Appsec Day 2019

Web Hacking Essentials

Melbourne, AU

November 2019


Education

RMIT University

B.S. Electrical Engineering/Commerce

Melbourne, AU

March 2012 – July 2017

 0422 285 751

 brianf.iwnl@gmail.com

 github.com/fungiwnl

 <https://fungiwnl.com>