# Brian Fung
Melbourne, Australia

---

## Professional History

**Kmart**                                                    **Melbourne**
*Software Test Engineer*                      *September 2021 – Present*

- Core tester for the My Accounts team responsible for the test strategy, creation, execution and automation for the account micro frontend app/service
- Quality chapter lead with the responsibility mentoring and guiding its members
- Lead proponent of Kmart Online's test automation framework and load testing framework

**Two Bulls**                                                **Melbourne**
*Senior QA Engineer*                  *September 2019 – August 2021*

- Lead tester responsible for the test strategy, test creation, test execution and test automation in both agile and waterfall projects for web and mobile based applications.
- Implemented an AWS test pipeline for Scouts to support the ongoing development team's test 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 in-sprint CI/CD pipelines for native iOS and Android applications, reducing time to manually create and distribute builds to internal and external stakeholders.

*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.
- Implemented a CI/CD pipeline for a cross platform video distribution platform for the core, desktop and mobile application streams.
- Developed a script to install test builds on iOS and Android mobile devices, reducing manual test set up from 10 minutes+ to one minute.

**Rohde&Schwarz**                                          **Singapore**
*Engineering Intern*                  *November 2015 – Febuary 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 Zealands 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, C++, LATEX, Markdown
**Test Automation:** Webdriver.io, Cypress, Puppeteer, XCUITest, Appium, Browserstack, AWS Device Farm, Mailosaur
**CI/CD** Jenkins, Gitlab, Github Actions, Bitrise, Buddybuild, AWS Codepipelines, Buildkite, Bitbucket pipelines, Docker
**Performance/Load testing:** Jmeter, Octoperf, Locust
**API, Packet sniffer and network analysis:** GraphQL playground, Postman/Newman, Charles Proxy, Wireshark
**AWS:** S3, Cloudformation, Cloudfront, Route53, Lambda
**Security tools:** BurpSuite
**Atlassian suite:** Bitbucket, Jira, Confluence, Zephyr

## Training and Certification

**OWASP Appsec Day 2019**                                               Melbourne, AU
*Web Hacking Essentials*                                                *November 2019*

## Education

**RMIT University**                                                     Melbourne, AU
*B.S. Electrical Engineering/Commerce*                          *March 2012 – July 2017*

📞 0422 285 751          ✉ brianf.iwnl@gmail.com          github.com/fungiwnl          🌐 https://b-fung.com