Jonathan Opperman

Cape Town, South Africa
opperman.jonathan@gmail.com
http://jonathanopperman.info/
https://github.com/jcopperman

Technical Skills

Likes: c# selenium javascript python robotframework cucumber powershell

---

Experience

Freelancer – <u>Outeniqua Studios</u>   *Jan 2020 → Current*

Freelance quality assurance and general web development services locally and abroad. Currently working on a cloud based, SaaS, web application for a South African based property management firm.

Scrum Master – <u>Entersekt</u>   *Mar 2019 → Nov 2019*

Facilitator, administrator and coach of 3 Agile development teams in Entersekt's engineering department.

Software Quality Lead – <u>Entersekt</u>   *Nov 2017 → Feb 2019*
java, node.js, linux, microservices, cucumberjs, docker, kubernetes, swagger-ui, jira, confluence, virtual-machine

• Collaborate with the Software Engineering Manager to define and implement product test • strategies based on functional and non-functional requirements • Liaise with Quality Analysts and automation developers to create and execute test plans • Proactively drive quality improvement through metrics and reporting • Track test coverage across components from a code and functional perspective • Be prepared to spend up to 60% of your time in an Agile team partaking in planning, testing and • scrum ceremonies, and the remainder of your time strategizing with other teams • Collaborate with the Automation Lead, Architect, Product Owners, Solution Consultants and • Operations team to identify and prioritize quality concerns • Coach Quality Analysts on best practices and technical skills • Coordinate with other QE team members to drive test strategies and best practice

---

Senior Quality Assurance Engineer – <u>Digital Outsource Services</u>   *Jun 2016 → Nov 2017*
c#, javascript, nunit, continuous-integration, selenium, docker, azure

In this role I lead the Junior and Mid QA engineers by guiding them through their challenges and I try to inspire curiosity among them. I also work closely with DevOps to ensure build environments are stable, transparent and realistic. Our build process includes automated tests where I work with the QA's and developers to achieve a high level of Continuous Delivery maturity for our products through the application of a technology stack that includes .NET, Selenium, TeamCity, Attlassian (JIRA, BitBucket, HipChat, Confluence and Octopus Deploy). I am currently working with DevOps to look at technologies such as Microsoft Azure and Docker to shorten the feedback loop in the online gaming products we offer the customer and analytics we provide our stakeholders.

Lead QA Engineer – <u>Fontera</u>   *Apr 2014 → May 2016*
c#, selenium, magento, android, ios, continuous-integration, jenkins, sql, azure, amazon-ec2, redmine

In this role I worked in an E-Commerce environment that provided online merchandising platforms for local and international clothing and home products with the Magento e-commerce solution. I worked closely with the project managers to ensure we were delivering effective software to our clients. I had introduced test automation and evangelized Continuous Integration to help increase transparency. I was also a quality assurance engineer for a mobile app developed for Parliament that increased the transparency between the government and the public called My Parliament which was released on Windows, Android and IOS. In between these projects I was a consultant for a warehouse tracking company called Tractec and provided QA mentorship to a Port Elizabeth company called The Code Group.

Quality Assurance – <u>CompRSA</u>   *Dec 2012 → Apr 2014*
c#, selenium, jira, python, testcomplete, asp.net-mvc, robotframework, coded-ui-tests

I was outsourced to Fortune 500 companies in the US. Here I worked with .NET products and used CodedUI (C#) for test automation on a large scale donations web application for JK-Group and Python for network service provider AT&T. I mentored other members on the QA team in test automation for both technologies and trained new starters. It was at this time in my career that I hosted my first Meetup at Axxess Africa on Test Driven Development.

Test Analyst – <u>Fujitsu</u>   *Feb 2007 → Mar 2011*
c#, sql, hp-quality-center

My first position as a Quality Assurance Engineer was for Nelson Mandela Bay Municipality contractors, Fujitsu Software. Here I worked with a team of several QA Engineers to ensure quality on the new municipal billing and management system developed in .NET. To thoroughly test the entire system it was required to develop skills in both front-end and back-end systems where I up-skilled heavily on SQL queries and stored procedures. I also provided tech support to the users of the product and witnessed the introduction of Agile software development to a traditional Waterfall project management strategy which I consider "school-fees" which are still very valuable to me.

Technician – Freelance Contractor
arduino, cctv, satellite, security, coinbase

Jan 2003 → Dec 2006

These years I worked mostly as a contractor for several companies or as an independent contractor for any tech related requirement a client would have. This included CCTV installations and electric fencing (Mr Spike), DSTV installations (Ellies, Space Television), and amusement - arcade machines (Funtasia, KW Amusement). These were fairly hands on roles but I was able to apply my tech skills by adding support to the basic hardware that enabled elegant solutions to existing problems. For example: I had replaced rare and expensive Atari motherboards for Funtasia with cheaper PC based alternatives.

Education

Matric – Damelin

2002 → 2003

Certifications

Scrum Master
scrummaster, agile

2016 → 2016

ISTQB
testing

2009 → 2010

Projects & Interests

Automation Framework – https://github.com/jcopperman/QUpAutomationFramework
c#, selenium, specflow, nunit

Jan 2017 → Current

A Selenium test automation framework that implements the Page Object Model pattern

QUp – https://github.com/jcopperman/QUp
asp.net, c#, swagger-ui, entity-framework

Jan 2016 → Current

User story and issue tracking for QA in the role of a Scrum environment.

CodedUIMobileExample – https://github.com/jcopperman/CodedUIMobileExample
c#, nunit

Feb 2016 → Feb 2016

Demonstration of CodedUI, an alternative to Selenium

FizzbuzzMVC – https://github.com/jcopperman/FizzbuzzMVC
c#, asp.net, model-view-controller, tdd, nunit

Feb 2016 → Feb 2016

Sample project for testing of a MVC controller using a test first approach and the well known FIzzBuzz problem.

jenkinsdemo – https://github.com/jcopperman/jenkinsdemo
c#, jenkins, nunit

Dec 2015 → Dec 2015

Demo for pushing a simple calculator app with unit tests in Jenkins CI

Creator

Public Artifacts

Automated Testing – https://sway.com/JLEMmOBT6-G4Sf_I

Aug 2015

A meetup talk done at Axxess Africa on automation

Apps & Software

Tetrisy – https://play.google.com/store/apps/details?id=com.devilmaycare.tetrisy
unity3d, c#, android

Jun 2018

A soothing Tetrisy style puzzle game that is ad and bloat free. No gems, no in-app purchases, no interruptions, just pure and simple fun.

Tools

First Computer:	ZX81
Favorite Editor:	Visual Studio Code