Paul Littlebury

Quality Engineering, Test Lead, Test Strategist, Test coaching,

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Detail-oriented, reliable, and forward-thinking, with over 20 years experience in the field of Quality. I combine test engineering, devops, exploratory testing, test management and quality assurance to provide a more rounded contribution just simply testing. I have developed my own pragmatic approach to improving project quality, with both technical and business processes – improvement is always possible. I have expertise in a challenging environments, and will always contribute improvements to process of achieving project goals and objectives. I am frequently involved in DevOps and business decisions, and have mentored both technical and business members of team, to engage more with the quality process.

EXPERIENCE

jaffamonkey Ltd
Jun 1997 to Present

Quality engineering, Quality Assurance, Tester training/mentoring.

Engine | Transformation
Jun 2019 to Oct 2019

Lead Developer in Test

Project: A feature-rich training and career development web app for civil service recruitment. I was brought on at early stage to ensure a quality-driven August Beta release.

Activities:

- Developing acceptance test framework for CI/CD.
- Develop API and UI automated tests.
- Educating team on how to bring aspects of Quality Assurance to their general "way of working".
- Building frameworks for Load, Security and Accessibility testing.
- Training BA's on using Specification by Example approach to requirements.

Tech: Ruby on Rails, Angular, Azure, Docker, JMteter, Artillery, OWASP ZAP, Pa11y, Cucumber, Webdriver, Jira

Tele2
Sep 2018 to Feb 2019

Senior Quality Engineer

Quality engineering for an custom AI Chatbot (using the IBM Watson service).

- Python tests to bulk test IBM Watson Chatbot API.
- Maintain Jest framework for frontend API acceptance testing.
- Setup of Botium for testing conversations.
- Implementing load and security test on the build server.
- Maintaining quality checks in the build and deployment pipeline.

Technologies: Python3, Jest, Superagent, Node, OWASP ZAP, Watson SDK, Jenkins, Jira

Engine | Transformation
Jun 2017 to Jul 2018

Senior Software Development Engineer in Test (part remote-based)

Project: Drupal/Node application to manage partnerships between businesses and local authorities.

- Developing and maintaining UI/API test framework (CucumberJS/WebdriverIO).
- Developing genericized version of the test framework, for use on multiple Drupal-based projects.
- Outlined Test Approach for both internal and external audience.
- Automated dockerised accessibility and security test frameworks.
- Integrated Appium for testing on Android and iOS.
- Load testing using jMeter, generating dashboard reports with trend history.
- Migrated test framework to use NightwatchJS, as part of handover

Technologies: WebdriverIO, NightwatchJS , CucumberJS, Docker, Vagrant, Appium, XCtest, XCUITest, XCode, AndroidSDK, Selenium, Travis, Jira

i2N

Dec 2016 to Apr 2017

Senior Software Development Engineer in Test (SDET)

Project: AngularJS application to manage nationwide young offender placements.

- Developing and maintaining UI/API test framework (CucumberJS/Protractor).
- Extensive scenario-based API testing.
- Providing guidance to the BA's on writing specs in "specification by example" format.
- Outlined Test Approach for both internal and external audience.
- Integration of automated acceptance, security and accessibility testing in the build/deployment pipeline.
- JMeter API load testing

Technologies: AngularJS, CucumberJS, PhantomJS, Marionette, Selenium, JUnit, Jenkins, Jira

Engine | Transformation

Jun 2016 to Dec 2016

Lead Test Engineer

Project: Java/AngularJS application for NHS Training and Education management system,

- Developing and maintaining UI/API test framework (CucumberJS/Protractor), for Java/Spring/AngularJS web application.
- Providing guidance to the team, on how to follow a BDD approach, from requirements through to the deployment pipeline.
- Training on writing user stories in a "specification by example" style.
- Outlined BDD project process for both internal and external audience. Maintaining test automation momentum, as an integral part of user story acceptance.
- Integration of automated security and accessibility testing build/deployment pipeline. Technologies: Java,

Spring, AngularJS, CucumberJS, PhantomJS, Gherkin, Selenium, JUnit, Jenkins, Jira

Wowcher

Jan 2016 to Apr 2016

Lead Test Engineer

Project: AngularJS/Node app for voucher management and sales.

- Development of OS-independant CucumberJS/Protractor framework.
- Coding data-independent UI and API user journey tests.
- Maintaining evolving Gherkin (specification language) library. CucumberJS/Protractor guidance for other team members.
- Devising strategy for integrating automated acceptance tests into build pipeline.
- JMeter API load testing

Technologies: CucumberJS, Protractor, Selenium, PhantomJS, Postman, Jira, Gherkin, AngularJS, REST, Github,

TNT

Jul 2015 to Nov 2015

Lead Developer in Test

Project: AngularJS web app aimed at improving user experience for TNT customers.

- QA Process improvements for project life cycle.
- Maintenance and improvement of Cucumber/Protractor UI/API acceptance testing framework.
- Integrating BDD tests into development pipeline to ensure requirements consistency and quality.
- Created the Test Strategy, Test Plan, Level of effort and defined the overall scope and Test estimates.
- Instructing product owners/business analysts on writing requirements in BDD format.
- Visual regression automation, based on UX designs.
- JMeter API performance testing.
- Agile testing process improvement

Technologies: CucumberJS, Jasmine, Selenium, PhantomJS, Jira, Gherkin, CasparJS, AngularJS, REST, Github

Hiveworks

Mar 2015 to May 2015

Lead Developer in Test

Project: Drupal/Node/ElasticSearch CMS web application, with , aimed at providing content for external users, and means to manage content for Orange brand teams.

- Rapidly improving test coverage during project final phase.
- Maintaining/extending BDD test suite (Behat/Mink).
- Process improvement to enable better issue management lifecycle and traceability.
- Creating cross-browser framework using Selenium Grid.
- Implementation of PhantomJS/CasparJS app for visual regression testing.

Technologies: PHP, Drupal, AngularJS, ElasticSearch, REST, Github, Behat, Mink, Selenium, Goutte, PhantomJS, PHPUnit, Jira, Gherkin, CasparJS

Engine | Transformation

Dec 2014 to Mar 2015

Lead Developer in Test

Project: Symfony application for a Civil Service Resourcing job application management.

- Providing QA on project process, focusing on optimising and reducing administration.
- Creating a BDD QA Strategy.
- Acheived 100% automated test coverage for all features for every platform release.
- Implementing Behat test framework, fully integrated into a Symfony2 bundled app.
- Integration of tests in the build pipeline, to ensure requirements kept in focus. Mentoring team members on Behat and Gherkin (specification language).

Technologies: PHP, Javascript, Symfony2, REST, Github, Behat, Mink, Selenium, Goutte, PhantomJS, PHPUnit, Jira, Gherkin

Engine | Transformation

Sep 2013 to Nov 2014

Lead Developer in Test (BDD)

Project: Php/AngularJS application for OPG (Office of the Public Guardian) case and task management system, for customers seeking power of attorney.

This was replacing an old manual system, with intention of improving turnaround times, and information sharing internally.

- Strategic leadership in overall testing approach.
- Mentored and trained team members on methodologies, tools, and techniques. Technical expertise role in developing and identifying tools that would improve and optimize quality.
- Improved productivity by use of test automation frameworks and tools, and educating others.
- Ensured testing standards, guidelines, and testing methodology were applied as specified in testing approach.
- Devising testing strategy for functional, browser compatibility and web accessibility testing.
- Creating and maintaining Behat UI and API testing framework.
- Integrating testing framework into Jenkins CI and Vagrant VM.
- User Story/Scenarios development.
- Gherkin training for Business Analysts.
- Ongoing implementation of open source tools to improve framework.
- Maintaining scenario-driven tests for Continuous Integration process.
- API functional and security testing.

Technologies: Linux, PHP, Javascript, AngularJS, MySQL, Mongo, RESTAPI, Github, Zend2, Behat, Mink, Selenium, Goutte, PhantomJS, PHPUnit, SugarCRM, CRM, Jira, Gherkin, Vagrant, VMWare, JMeter,Vagrant, VirtualBox

Freelance WordPress/Drupal developer

Dec 2012 to Jun 2013

WordPress/Drupal developer

As a temporary break from QA and testing world, secured contracts with several small businesses, to develop Drupal/WordPress web applications.

Technologies: WordPress, Drupal, PHP, Payment Gateways, Javascript, XML, JSON, Curl, Social Networking API, Googlemaps API

KPMG

Apr 2011 to Dec 2012

Test Manager

Test Management and testing on multiple web-based tax, finance and public sector projects.

- Process improvement for testing on Agile and BDD projects.
- Maintained a common risk-based test strategy, and individuals test plans.
- Test automation strategy for load and regression testing.
- Coding functional and non-functional tests
- Writing BDD features alongside Business Analysts
- Promoted the use of TFS test tools to the teams.
- Devised Security Testing strategy to be used across projects, using open source tools.
- HMTL5, CSS3 and jQuery testing using Firebug.

Coordinated monthly regression tests of all departmental websites produced, after regular Microsoft server patching.

Projects:

NHS Flexible Benefits - a web application used by NHS employees to select employment benefits to be included in remuneration packages.

- Complex survey CMS with extensive use of question types and rules.
- Worldwide company data aggregation and syndication SaaS, with extensive reporting.
- Re-factoring of a Claims & Elections system, migrating to SQLServer from Oracle.

- Fund-analysis management system

Methodologies: Agile, Scrum, TDD, BDD

Technologies: Team Foundation Server(TFS), VisualStudio2010/2012, MVC, JQuery, HTML5, CSS3, VS Test Tools (WebPerformanceTest, CodedUI, LoadTest), SQLServer2008, C#, .NET4.0, Specflow, Cucumber, Selenium WebDriver, Fitnesse, NUnit, OWSAP (Zed Attack Proxy), Fiddler, Tamper, WCAG tools, Virtual Machines (VM)

Digital Jigsaw
February 2011 to Apr 2011

Test Manager (Holiday Cover)

Project: MyVodafone customer account app (with dynamic hotspot locator/connector) for Android, iPhone and Blackberry.

- Vodafone VIP site maintenance
- Maintaining existing test plans, and testing releases of mobile applications (iOS, Android & Blackberry).
- Testing reviews with client representatives at Vodafone, and the in-house testing team.

Experience pre-2011 available upon request

EDUCATION

Huddersfield University

HND Computing *(1993 to 1995)*
Modules: Programming (C, Cobol), Computer Architecture, Business Analysis, System Analysis, Databases, Graphics.

SKILLS

Scrum, Agile Methodologies, Test Automation, Test Planning, Testing, JIRA, Test Strategy, Quality Assurance, Selenium, Linux, Load Testing, CMS, MySQL, Digital Media, Visual Studio, jQuery, Virtual Machines, .NET, TFS, Open Source, Firebug, Business Analysis, Python, Oracle SQL, HTML + CSS, Kanban, PHP, Flex Builder, Google API, Fitnesse, Wordpress, LAMP, Behat, Mink, Usability, Web Accessibility, TDD, Quality Centre, BDD, SoapUI, PHPUnit, REST, Angularjs, JMeter, Phantomjs, APIs, Cucumber, Protractor, DevOps, Git, Cucumber, Selenium,

LANGUAGES

English (Native or bilingual proficiency)
German (Limited working proficiency)
French (Limited working proficiency)