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<http://github.com/burythehammer>

Matt Long

A senior software engineer with a specialism in testing and improving quality assurance processes.

- 5 years experience building automation frameworks in cross-functional agile teams.
- Conference speaker at QCon, muCon, Agile Cambridge, as well as other London meetups.
- Strong academic background: Physics BSc and Computer Science MSc at Imperial and UCL.
- Polyglot in programming languages: testing frameworks built in Java, Javascript, Ruby, Golang, and Scala.
- Consultant, mentor, former teacher and public speaker.
- Adept at programmable infrastructure / cloud tech such as Terraform, Ansible, AWS and Lambda.
- Regular writer of technical testing blogs.

Languages and frameworks

Java, Ruby, Javascript, Golang, Python, Gherkin, Scala, C++, VBScript

Methodologies

BDD, TDD, Agile (Scrum & Kanban), CI/CD, DevOps

Tooling

Cucumber, Capybara, Selenium, Spring, RSpec, Mocha, Ginkgo, Gatling, Terraform, Ansible, AWS Lambda, Apex, Apache Spark, Jenkins

Experience

Senior QA Consultant at OpenCredo, London (2015 – current)

OpenCredo is a open source consultancy, specialising in devops, cloud, data engineering and microservices.

I construct, develop, and maintain automated test frameworks. I also advise clients how to improve quality processes and development speed. I use a variety of different languages and frameworks for clients and am expected to pick up new things quickly.

Major projects:

- **Large consultancy cloud inventory**
Consulting and advising the quality processes for a team delivering a cloud discovery platform, implemented in AWS Lambda. Building unit, integration and user acceptance tests in Javascript and Python, modifying Jenkins 2.0 pipelines in Groovy.
- **Government cloud broker**
Maintained and extended the Java Cucumber / Selenium test suite, and the Ruby infrastructure test suite of a cloud broker.
- **Ethical supply chain organisation**
Maintained and extended the Java Cucumber / Selenium UI & API test suite of a large scale microservices application, deployed with Mesos / Marathon.

Consultant at Infuse Consulting, London (2012 – 2015)

Infuse is an automated testing consultancy that works with the HP / Microfocus test suite. I built and maintained automated testing frameworks for our clients.

Major projects:

- **Automated Test Engineer at ITV**
 - Developed Ruby Cucumber/RSpec acceptance tests, Gatling (Scala) performance tests, and exploratory testing.
- **Lead Tester for useMango**
 - Introduced new test strategy, training materials and resources, as well as automated testing and CI practices.
 - Proposed and developed a custom type of dogfooding test that executed useMango's own tests against itself.
 - Mentored new graduate testers.
- **QA Engineer for a government project**
 - Developing automated scripts using ALM and QTP
 - SC clearance

Science Teacher at Lampton School, Hounslow (June 2009 – September 2010)

- GTP course with significant direct teaching experience
- Students from ages 12-18 with a range of abilities

Education and Qualifications

Education

University College London, London (2011 – 2012)
MSc (Hons), Computer Science

Imperial College London, London (2005 – 2008)
BSc (Hons), Physics

The King's School, London (2003 - 2005)
A-levels: Mathematics, Physics, English Language & Literature
AS Level: Further Mathematics

Professional Qualifications

- ISTQB Foundation
- AIS in Application Lifecycle Management
- Qualified Teacher Status, granted via the GTP

Other Interests

Videogames, indiepop music, arthouse cinema, photography, contemporary art, cycling, economics and current affairs.

References available on request.