

# SIMON BRIGGS

## SOFTWARE ENGINEER

### CONTACT



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### ABOUT ME

Full stack web developer, programming an AngularJS based frontend with a Java EE REST backend, developing in an agile, continuous integration environment, using Git, Gulp and Jenkins. Having experienced both software development and test roles across 4 teams for IBM WebSphere MQ, now looking to continue building skills in full stack development, in a startup company, working towards fast paced release cycles, using the latest technologies and languages.

### EDUCATION

#### ►University of Nottingham

BEng Honours in Electronic and  
Computer Engineering – 2:1

(2009 – 2012)

#### ►Waseda University, Tokyo

1 year exchange, studying Electronic and  
Computer Engineering in Japanese

(2010 – 2011)

#### ►Loughborough Grammar School

A Levels – 3As in Maths, Chemistry, Biology,  
B in Further Maths

GCSEs – 8A\*s and 4As

(2002 – 2009)

### TECHNICAL SKILLS

Web - JavaScript • TypeScript • AngularJS • Bootstrap • HTML • SASS • CSS

IBM - WebSphere MQ • Liberty Application Server • RTC

Other - Java EE • C# • Perl • Android • Agile • Continuous Integration

Dev tools - GIT • Gulp • Jenkins • Eclipse • Windows • Linux RHEL & SLES

Languages - English (native) • Japanese (fluent)

### WORK EXPERIENCE

#### Software Engineer, IBM, Hampshire (2012 – Present)

- > Web UI and REST API developer for IBM WebSphere MQ. Working closely in a squad of 4 people, had a major role in the full end-to end product development lifecycle including design, architecting, implementation, testing and release of a new web application and API. Used AngularJS and SASS as the front end technologies, Java EE interfacing with JMS on WebSphere Liberty on the server side, and utilised a Git, Gulp and Jenkins build pipeline.
- > Enhanced a Dojo based web interface for the IBM MQ Appliance. Presented technical demonstrations to internal sales and support teams and provided support to customers of the web interface via email or through delivering bug fixes.
- > Involved in 11 pending patents.

(March 2015 – Present)

- > Automated functional tester for the new IBM MQ Appliance, adapting existing test infrastructure for coverage of new features. Framework involved up to 100 physical machines, numerous virtual cloud provisioned machines and over 600 test suites. Using Perl and a Linux development environment, communicated effectively with a team of over 100 developers, testers, release engineers and documentation writers.

(September 2013 – February 2015)

- > Developed the automated GUI test suite for MQ Managed File Transfer using an RFT framework in Java.
- > Created an educational game for 13 year olds, using Java and Swing, allowing them to drag and drop logic nodes into a tree, to form an AI for an on-screen robot.

(September 2012 – August 2013)

#### Variety of part times jobs (2010 – 2012)

- > Intern at a medical company, Mediwatch, involved in developing a Drupal website
- > IT help desk for Loughborough University while they hosted Olympic training sessions
- > Interpreter for the Japanese Olympic triathlon team
- > Bartender for a pub in Tokyo
- > Extra for a TV show