Joanna Sprott

joannasprott@hotmail.com

Internal tooling developer (Senior QA Engineer) building internal apps and dashboards. Experienced mainly in JavaScript. Currently working at ASOS.

Education
Degree in Computing and IT Practice

Professional Training
Certified Microsoft Azure Administrator
Agile Scrum Master

ASOS (Online Retail) Dec 17– Present
<u>**Senior QA Engineer**</u> (Release)

Worked on central team to maintain visibility of functionality of website/shared environment for multi-team use. Included maintenance/creation of automated tests with JavaScript, maintenance of internal React website for displaying test results, maintenance of node.js API for returning test result data, creation of node.js alerting project, maintenance of infrastructure with Terraform and Puppet.

- Currently the Lead Engineer on a lift-and-shift project moving away from Azure VMs to Azure Services.
- React dashboard (internal): Building new features such as graphs with D3, integration with ServiceNow for automatic ticket creation, React upgrade to hooks, introduction of CSS modules, redesign of interface to be more intuitive, unit testing with Enzyme and React Testing Library, setup ES Linting, added redux where appropriate, added features to allow download of pdfs and automatic generation of email.
- Creation of alerting project (node.js) for notifications of test failure patterns and environment issues.
- Creation of internal Web App for the display of performance maturity matrix data using node.js, html, CSS, D3, SQL, Azure SaaS, express, passport.js
- Creation of endpoints in existing API (node.js, express, ElasticSearch, swagger)
- Use of Jenkins for CI/CD

- Creation of new pipelines with Azure DevOps e.g. Terraform
- Use of Terraform for creation of VMs, Web App, security fixes where appropriate
- Use of Azure portal and CLI for creating/inspecting resources, service principles etc.
- Infrastructure maintenance: Upgrade of Docker, Terraform, Puppet, Linux.
- Set up new ElasticSearch cluster including data migration.
- Acted as Security Ambassador for the team making fixes to our own internal systems according to alerts from MS Azure and upgrading pipelines to make secrets and passwords secure.

giffgaff (Mobile Phone Network) Jan 16 – Dec 17
Test Automation Engineer, becoming Senior Test Automation Engineer

Auutomated tests (where appropriate) for small improvements on the giffgaff website, within an Agile sprint using Java, SQL, Bamboo, jBehave, Linux, Serenity, git, GitHub, Postman.

- Creation of test cases
- Creation/update of end-to-end test scripts and execution of testing.
- API testing with postman.
- Participation in sprint planning, retrospectives, refinements
- Follow Agile practices within team using Jira

JD Williams Manchester (e-Commerce) April 08 – Jan 16
Software Tester (Automation) March 13 – Jan 16

Creation of a 300-test automated test suite, complete with data-driven tests (where appropriate), across multiple desktop browsers (mobile on user-agent) with parallel execution using: Java, Eclipse, Selenium WebDriver, TestNG, Jira.

- Trial of tools/Proof of concept (2 weeks) to demonstrate tools
- Began with 'Checkout Registration' project (input-heavy testing on this project was suited to automation)
- Analysis and documentation of main functional areas of website

- Built on the registration tests above to create a regression suite of the main functional areas of company's website (automating ~60% of the manual regression script)
- Testing of the automated tests in conjunction with other testers
- Formalisation of Automation Test Strategy
- Creation of supplementary manual testing script (cut-down version of key features) to support automated tests
- Maintenance and running all previously written automated tests for each release

Systems Analyst March 10 - March 13
Analysis and design, system testing, end user support

IT Trainee/Analyst Programmer April 08 - March 10
Assembler, Cobol, DB2, CICS, JCL, SQL