Sebastian Faull

University Degree

DIGITAL MEDIA DESIGN 2:1
BOURNEMOUTH UNIVERSITY

Job Role

SDET

SUMMARY

Skilled in Test Automation, Software Engineering & Everything Agile.
A focused, diligent and bi-lingual (Norwegian) IT professional with excellent communication and written skills. Having an extroverted personality, relationship building comes naturally, whilst being committed to working in teams and achieving targets with a strategic focus. Having remained naturally curious since a young age this has equipped me with a strong analytical and creative way of thinking.

   Having successfully qualified as an IT consultant with Sparta Global and finished their intense training course at the academy, learning new technologies and trends that surrounds the IT industry comes as second nature and has taught me to stay focused on my own development, whilst keeping determined and commercially aware.

SKILLS

- Java, Ruby, MySQL (Oracle), NoSQL (Dynamo DB).
- Test automation (Integration testing & REST APIs)
- Performance & load testing
- Micro-services
- AWS Services

- AWS SDK
- Interpersonal savviness
- BDD & TDD
- Problem solver
- Creative
- Adaptability
- Building Frameworks

CONSULTANCY TRAINING EXPERIENCE

BUSINESS SKILLS
Effective communication, networking, negotiation, stakeholder management, development life-cycles, time and task management.

SOFTWARE TESTING
Able to write Java code and develop scalable and highly-performant automation tests. Developing and managing test cases and strategies, test design, structured exploratory / session / risk / functional / usability / performance based testing, black box/white box techniques, defect management and root cause analysis / debugging.

LANGUAGES
Java, Ruby, PHP, JavaScript, JQuery, AJAX, BASH, HTML & CSS, JSON, XML, Typescript, MySQL, NoSQL, TSQL, Gherkin, Bootstrap

AGILE
Scrum, user stories, personas, acceptance criteria, backlog and estimation, retrospectives, stand-ups, Kanban, agile tooling, continuous delivery, extreme programming. Experienced in BDD and TDD

TOOLS & FRAMEWORKS
Amazon Web Service (AWS), Spring Boot, Postman, Jenkins, Junit, TestNG, Maven, Node.JS, Selenium WebDriver, Cucumber, Nightwatch, Rails, Capybara, Jira, Angular, Git & Github, Bitbucket, Putty, RSpec

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PROJECTS

LINK TO GITHUB:
https://github.com/seb-faull

JAVA TEST AUTOMATION FRAMEWORK (FULL TEST SUITE) – CUCUMBER BDD
Link to Github repository: https://github.com/seb-faull/automation-framework

JAVA AUTOMATION PRACTICE (CUCMBER BDD)
Link to Github repositories:
Back-end - https://github.com/seb-faull/PPLAutomationPractice

BIKE REGISTRATION APP USING ANGULAR JS AND SPRING BOOT
Link to Github repositories:
Back-end - https://github.com/seb-faull/Bike_Registration_App
Front-end - https://github.com/seb-faull/Bike_Reg_Angular_UI

SPRING MVC AUTHENTICATION SYSTEM IN JAVA
Link to my Github repository can be found here: https://github.com/seb-faull/SpringMVC-Authentication-System

WEB API TEST AUTOMATION IN JAVA
Link to my Github repository can be found here:
With TestNG - https://github.com/seb-faull/WebApiAutomation Junit - https://github.com/seb-faull/JUnitIntro

BULLSEYE (JS GAME)
Link to my Github repository can be found here: https://seb-faull.github.io/BullsEye/

EMPLOYMENT HISTORY

FROM JUNE 2019 TO AUGUST 2020
PPL
CONSULTANT FOR SPARTA GLOBAL (JUN 2019 – NOV 2019)
LEAD SDET (APRIL 2020 – AUGUST 2020)
Technologies:
- Java
- Cucumber
- SQL
- XML
- DDEX
- AWS Services
- AWS SDK
- AWS CLI
- Jenkins
- Postman
- Swagger
- Kibana
- GIT source control (enforcing GIT reflow best practices)
- REST APIs
- Hip Test

*** Throughout the course of my time at PPL: ***
40 automated scenarios
65 total bugs raised

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5 NFR automated scenarios

Having delivered the Repertoire Hub project on budget and on time here at PPL, as the Lead SDET, I was responsible for the automated integration testing within the Quality Assurance (QA) team.

As the sole SDET in the team, working in an agile BDD environment, we ensure the quality and robustness of the software we build benefitting the wider Music industry on an international scale through: end-to-end, component, integration, API, load, performance and concurrency testing.

Automating scenarios where efficient and testing as early as possible in the software development life cycle, otherwise known as shifting-left, is the methodology we practise here at QA. This ensures that we fail early, catch bugs fast and provide quicker feedback to the business.

SDET (JUNE 2019 – APRIL 2020)
Implementing a test automation structure to support a micro-services architecture in an AWS Amazon Cloud setup, with a very large database of Music Records. Starting a brand-new test automation project from scratch, using Java & Cucumber – hooked up to a CI Jenkins pipeline, in order to test a non-UI based service for Music Licensing Companies. This project will help rationalise a new service being implemented that will permit Music Rights-holders to use a globally-recognised format, and to integrate this with legacy systems.

FROM MARCH 2019 TO APRIL 2019
ACCELERATE QA
CONSULTANT FOR SPARTA GLOBAL
FUNCTIONAL TESTER
I was contracted in to help on a project for Imagination LTD - a creative agency that works on ground breaking innovative projects. I worked on the QA process, manually testing their Jaguar Formula E Virtual Reality App and Tech Window, in time for the Shanghai showcase.

FROM NOVEMBER 2017 TO MARCH 2019
RAYMOND JAMES INVESTMENT SERVICES
CONSULTANT FOR SPARTA GLOBAL
FULL STACK PHP DEV & SDET
- Object Oriented PHP Full Stack LAMP Development (Centos 7)
- Zend & Custom Framework
- Agile TDD environment (utilising JIRA)
- GIT source control (enforcing GIT reflow best practices)
- Maintenance and further development of a number of back office and client facing systems
- Supporting with maintenance and further development of test suite (Ruby). BDD front-end headless testing, utilising Selenium and Cucumber.

PROJECTS:
- Target market reporting
- Annual costs & charges
- Security charges
- Client billing

FROM NOVEMBER 2017 TO APRIL NOVEMBER 2019
SPARTA GLOBAL
QUALIFIED TECH CONSULTANT
- Worked on a number of projects over time – mentioned above.

FROM SEPTEMBER 2017 TO APRIL NOVEMBER 2017
SPARTA GLOBAL
TRAINEE SOFTWARE ENGINEER
- Training in the Software Engineering Program
- Specialising in Test Automation (SDET)

A few of the technologies learned (and improved upon over time):
- Command Line
- Git

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- HTML
- CSS
- Javascript
- Object Oriented Programming
- Ruby
- Agile Methodologies

Projects + Technologies:
Bullseye (Javascript Game)
- BullsEye is a 'shoot-em-up', point and click style game with 7 different game modes. It utilises on-click events for gameplay. Additional libraries used include: jQuery and the jQuery Easing Plugin. Targets follow different random Easing paths, depending on which mode you select. The game counts your score and number of lives. Try to get as much points in one round as possible.
It can run on mobile, but for optimum use desktop works best.
The link to the game can be found here: https://seb-faull.github.io/BullsEye/
(JQuery, HTML, CSS)

Show Me Portal (Project Management System):
- A project management system built with two other engineers. Strict Agile principles and Git reflow practises were adhered to throughout the project. Using CRUD functionality, users are able to create an account, upload their projects and tag the technologies they used to the corresponding project. Admin rights are applicable also. You can download the project locally here via Github: https://github.com/seb-faull/show_me_project_portal
(Ruby on Rails MVC framework, JQuery, PostgreSQL)

API Testing and Web Testing:
- Throughout the final stages (6 weeks) of training, I built and maintained a custom test automation framework built around APIs and Websites. This was where I got heavily introduced to: TDD, BDD, Manual, Component, API, Integration, GUI and Unit testing. Not to mention the concept "the Cone of Hell and Testing Pyramid of Happiness"!
(Ruby, RSpec, Cucumber, Capybara, JSON, XML, YAML, Httparty, Appium)

CERTIFICATIONS

- **ISTQB CERTIFIED TESTER - ISQI GMBH (NOVEMBER 2017)**
- **OPEN WATER SCUBA DIVER (MARCH 2014 – PRESENT)**

HOBBIES/EXTRA CURRICULAR ACTIVITIES

- Writing – I have a medium account where I publish articles from time to time
  Link to Medium account: https://medium.com/@sebfaull

- Music
- Art
- Sports – all types (especially skiing & football)

ACHIEVEMENTS

- Presented my undergraduate dissertation at the British Conference of Undergraduate Research 2017
- I was awarded the Jack Petchey Award
- Co-founder of JumpStart Enterprise at Stanmore College – a business society set up for the students

SOCIAL

LinkedIn: https://uk.linkedin.com/in/sebfaull
Email: seb_faull@hotmail.co.uk