TAMARA MICHAUD

PROFILE

A confident, articulate, hard-working professional with a wide experience in developing solutions for a variety of processes in several languages across multiple platforms. Possessing a strong technical ability with a keen eye for detail and deadlines, I am comfortable working in a team or to self-managed targets.

Looking for a development position in a passionate and dynamic team, I am particularly interested in building on my most recent experience as a QA Automation developer.

SKILLS

- Java, Tomcat, Apache, Maven
- JavaScript, Angular, css
- Cucumber, TDD, BDD, Selenium, Cypress
- API, AJAX, Postman
- Perl, PHP, Unix & Linux Shell Script
- SQL, ETL, JSON
- XML, XSL, HTML, sed, awk, regex
- Bitbucket, git version control

ACHIEVEMENTS

- Development of web-based and command-line UI applications to facilitate internal BAU, cross-training and work-sharing.
- Implementation of process standardisation and streamlining across multiple platforms.
- Complex ETL operations on data which is often sensitive and encrypted.
- Suite of automated software tests to facilitate CICD.

EMPLOYMENT

➢ **SMARTFOCUS** QA Automation Engineer Nov 2018 – current
Java, Selenium, Cucumber, Cypress, Javascript, API, Postman, git, BDD

➢ **SMARTFOCUS** ETL Data Integration Specialist Sept 2015 – Nov 2018
Bash shell scripting, Linux, sed, awk, regex, ETL, OracleSQL, Perl, PHP, Jira, confluence

➢ **CAPITA LOCAL GOVERNMENT SERVICES** Technical Officer May 2010 – Sept 2015
SSIS, FTP Server, VB.NET, ASP.NET, XML, VBA, Macros

➢ **PRIVATE & COMMERCIAL FINANCE LTD.** Accounts Assistant Feb 2008 – April 2010
Management accounts, bad debt analysis, monthly reconciliations, ACCA

➢ **EUROWEEK** Administrative Assistant Sept 2007 – Feb 2008

REFERENCES

Previous Employer
Paul Frampton, Capita LGS,
17 Homesdale Road, BR2 9LY

Current Employer available on request

ACADEMIC QUALIFICATIONS

Newstead Wood School for Girls - 2000–2007

12 GCSEs grades A* - B
A-Level Maths (B) Spanish (A) Psychology (C)

INTERESTS

Away from the computer I enjoy an active lifestyle; I train at a local HIIT bootcamp, frequently attend Obstacle Course Races and Indoor Skydiving classes, and study Wing Tsun Kung Fu. I have previously taught both kung fu and bootcamp classes and gained a wealth of experience beyond simply teaching the sport: from improving my communication skills; my ability to explain foreign concepts to clients of all levels; helping manage events and administration; and (back to computers) debugging and managing the school's website.

I have a passion for learning and in my spare time I am regularly taking courses through Coursera and Udemy, as well as completing hands-on projects with the Raspberry Pi.

CONTACT
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TOP PROJECTS FROM RECENT EMPLOYMENTS

QA AUTOMATED REGRESSION TEST SUITE

Working within a small team I was responsible for developing a suite of automated regression tests that are deployed alongside regular platform releases to ensure reliable deployments using ci/cd practices. After some months helping to **maintain existing tests**, a couple of major new projects were started which meant each of the team were placed in a squad to liaise directly with their developers and **build a new suite of tests from scratch** in parallel to the build of the actual application. This was extremely satisfying since we were starting at zero, as this meant I was able to plan in great detail with the developers to ensure that e.g. what messages will be returned by api calls; no more **xpaths** in the ui: all dom elements have ids.

We chose to implement **BDD techniques and follow the page object model** to build a **maven project with Selenium, using Gherkin feature files**. This meant that initially the test results could be reviewed by support staff to then ascertain manually whether they could replicate the error so that it could then be corrected by the development team.

After some internal restructuring the business decided to investigate the validity of changing methods to use Cypress frameworks rather than Selenium. I worked alone in this venture to build a **"proof-of-concept" Cypress test suite** to perform some select regression tests on the ui and public apis.

BADB EXPORTS

Most recently, as an exciting challenge to dive deeper into Java development outside of the QA remit, I was tasked to **develop a self-service portal which generates reports for the finance department**. Utilising **encrypted login authentication** and **user-access level security**, the application uses servlets and a ui to allow the team to generate ad-hoc reports for themselves. Some of these **reports are also cronned to run automatically** for users to download at their convenience, and which admin users are able to modify as required. As a side project I am also studying the Spring framework and have begun to refactor this app.

DATA WEB TOOL

My first project at Smartfocus was to **refactor and expand an internal web tool** to expose technical data and functionality to all staff. I transformed the site from a basic database summary, to a compilation of client-account setup information from multiple servers and applications organised in a single **comprehensive dashboard page**.

Initially the tool was written in spaghetti-coded php which I refactored into a more standardised structure. I **introduced common javascript functions to aide maintainability** and then used **Confluence to document** the whole thing from both a user- and developer- view. Very quickly my team noticed a **measurable reduction in support tickets**; as a department we also saw an **increased responsiveness to client queries**, and with the time saved, my teammates were able to spend more time on paid-for project work.

Over the years I added extra modules aimed at different department needs, adding **automation of recurring processes** and semi-standardisation of more ad-hoc actions; such as the ability to scope a new custom etl project and directly **tag an authoriser on the related Jira ticket automatically**.

COMMAND-LINE HELPER

In order to help non-technical users navigate the Linux command-line more effectively, I created a simple and **expandable tool accessible from the terminal**, with **customised man pages** explaining shortcuts for **etl-creation, file-system navigation, system space and performance checks**, as well as tips on how to get on with, or avoid, the built-in functions of vi and grep.