

## PROFILE

A confident, articulate, hard-working professional with a wide experience in developing automations 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 with Java.

---

---

### 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
- **SMARTFOCUS** ETL Data Integration Specialist Sept 2015 – Nov 2018
- **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  
*Monthly reconciliations, management accounts, bad debt analysis, 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

M: 07950109939

E: [tamaramichaud@hotmail.com](mailto:tamaramichaud@hotmail.com)

W: [tamaramichaud.github.io/portfolio](https://tamaramichaud.github.io/portfolio)

## *TOP PROJECTS FROM RECENT EMPLOYMENTS*

### 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.

### 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. Each member was tasked to code the tests for a separate element of the company's site, creating and utilising common internal libraries via separate branches of a central Bitbucket repository.

We chose to build a maven project with Selenium, using Gherkin feature files so 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.

This project was my first venture into using IDEs rather than coding directly on the command-line. Learning how to find the most effective methods from the Java and Selenium libraries to achieve my goals; testing API calls and implementing pojos to capture and compare results; applying different levels of logging to debug the results as efficiently as possible; and throughout all, optimising the test sequence to ensure high coverage and low overhead.

### 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 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 any one of four ad-hoc reports for themselves as required. Some of these reports are also cronned to run automatically for users to download at their convenience, with manager-level users able to modify the particular scheduling, or suspend the automatic generation of, any report and housekeeping as required.