

Phoebe Badcock

Buckinghamshire phoebe.badcock@mail.com github.com/PhoebeBC phoebebc.github.io/Portfolio-Webpage/

Software developer, designing and building products to gain relevant experience, actively seeking opportunities to join the exciting tech sector and become a valuable team member. Over 3 years of experience at a finance start up.

TECHNICAL SKILLS

- Python
- JavaScript
- HTML & CSS
- SQL (Postgres Database)
- Flask & APIs
- Selenium & Webdriver
- GitHub & GitHub Pages
- Jira & Confluence
- Pycharm & VSCode

PROFESSIONAL EXPERIENCE

SOFTWARE DEVELOPER

January 2024–Present

Independent

- Personal Portfolio (**Web Development**): Producing a website informing users of projects and experience. Advanced my HTML & CSS skills and boosted ability to research solutions online pushing webpage creation time down by 50%.
- Storm Website (**Full Stack Development**): Creating a functioning mobile website for a hockey club in-line with client requirements. Improves communication between organizers and partakers, allowing for more people to play and pay pushing up funding by 25%. Utilising MERN (**Mongo DB Express React and Node.JS**) and collaborating with front end developer to build site.
- Computer Science Fundamentals: Planned six days of intense learning with senior software engineer. Covered Unit Testing, VM Ubuntu for Linux, Networking, Computer Architecture, Networks TCP, TLS protocol, CIA Triad confidentiality Integrity availability, Docker, AWS servers and C programming.

STRATEGIC ANALYST (Promoted to Senior January 2023)

September 2020–January 2024

Snap Finance UK

- Building MI Dashboard: Constructed base for new company wide data dashboard. Improved data refresh time from every hour to instantly upon page refresh. Used **Flask**, **APIs** and **Python** backend embedding **SQL** queries accessing data from the **Postgres Database**. With **Jinja** and **Bootstrap** supporting the frontend for interactive, customizable diagrams, graphs, metrics.
- **Test Driven Development**: Optimized testing of decision changes. Time taken to test each change was reduced from 6 hours to 1 by implementing **Selenium** and **Webdriver** to push test applications through in QA environments. Results were shared via Jira to the machine learning engineers.
- Company-wide **Automation**: Over 10 process across five departments were upgraded including the customer lending complaints process, which went from 2 hours to under 30 seconds for each review. Collaborated with junior colleague to extend automation efforts externally using **APIs** and SFTPs.
- Customer Outcomes Review: Successfully completed FCA requested review of the five year history of the company. By constructing insightful data tables within the Postgres Database, £5 million saved in costs, and the FCA was fully satisfied with our customer outcomes.
- CRA Handling: Effectively oversaw credit reporting, including regular testing and checks of the files, to credit bureaus, fostering strong relationships through clear communication.

EDUCATION

UNIVERSITY OF WARWICK

October 2017– July 2020

Bachelor of Science in Mathematics: **First Class** with Honors

TRENT COLLEGE

September 2010–July 2017

A Levels: **A*A*AA** Further Maths, Maths, Physics, Chemistry

GCSEs: 11 - A*(6), A(5)

British Citizen, UK Passport and Full Driving Licence