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Simon Cass

A resourceful and results-driven individual with one years' experience of software development within a large and fast-moving team, focused on iOS development. Prior to this I gained five years' experience working in numerical analytical roles. I am seeking further opportunities to enhance my own learnings and to add value to engineering teams.

Technical Experience

Babylon Health

At Babylon Health, I am tasked with ownership of one of our white label apps. This means working within a small squad to meet the requirements of one of our external partners. I am solely responsible for releasing this app to the App Store, applying necessary fixes and implementing new features and functionality, in collaboration with UX designers and product owners. My time at Babylon has exposed me to agile development practices, testing (unit/automation/snapshot), and cross-functional, cross-platform working practices.

At Babylon Health I use Swift, with a focus on functional programming via Reactive Swift. The app is built using an MVVM architecture pattern to develop each screen.

Skills

Clean Code

Throughout my time at Makers Academy I learned about the merits of having a readable codebase, as well as the potential pitfalls which can occur if a codebase is not readable. During the course, programming principles such as SOLID & DRY, as well as exposure to XP values in group situations, were all utilised to ensure best practice. TDD is a huge driver in keeping code efficient, clean and as bug-free as possible - I am a huge fan of this approach to developing software.

This approach is further driven home at Babylon - with a large team of developers working on a similar codebase; the need for my code to be easy to understand and easily modifiable is critical.

Communication

During my time at Motability Operations I frequently attended meetings with senior stakeholders and was responsible for communicating the findings of our team in a simple, non-technical way to various members of the business. I was often asked to give recommendations on what actionable steps should be taken in order to meet our business goals, working strategically and collaboratively with other team members in the process.

At Babylon Health, I am the iOS engineer responsible for one of our largest white label apps. Here, I have to communicate to both technical and non-technical members of the wider business on a consistent basis about the status of the app, as well as giving input on future directives and scoping of ideas to improve efficiencies.

Creative & Critical thinker

I have consistently sought out opportunities to improve the efficiency of processes throughout my career. During my time as a Pricing Analyst, I proactively rewrote a manual report using Business

Objects and VBA macros so that it would automatically refresh, saving several hours of analysts' time per month. As a result, I had more time to spend on tasks which added significant value to the team. At Babylon Health, I updated our GitHub bot so it would automatically add or delete labels from pull requests based on the number of reviews a given PR has - this is another example of making a small change to improve overall efficiency.

Education

Makers Academy (November 2018 to March 2019)
- Software engineering bootcamp
- OOP, TDD, MVC
- Agile/XP
- Ruby, Rails, JavaScript

University of Hertfordshire (2009 to 2013)
- Mathematics, with a year study abroad - 2.1 (Hons)
- Undertook a year study abroad in my third year at Oklahoma State University in Stillwater, OK
- Helped arrange events for Raise & Give society in Hertfordshire
- Participated in an international intramural soccer team in Oklahoma and was a member of the University of Hertfordshire rowing team

Work Experience

Babylon Health (April 2019 - present)
Junior iOS Engineer
Motability Operations (June 2016 to November 2018)
Senior Analyst (Vehicle Risk Analyst)
Motability Operations (August 2014 to June 2016)
Junior Analyst (Pricing Analyst)

Other information
- I love sports; I enjoy cycling, swimming and going to the gym
- I enjoy reading, particularly fantasy series such as Game of Thrones and Wheel of Time