

MERRICK SAPSFORD

Manchester, United Kingdom

Mobile Software Engineer I am an experienced software engineer who is primarily focused on development for iOS and associated Apple platforms. I have extensive experience in the full stack implementation and design of iOS applications & frameworks, with particular skill in UI development; including CoreGraphics and CoreAnimation.

Experience

Apadmi / Aug 2015 - Present

Software Engineer - As part of the mobile development team at Apadmi, one of the UK's leading mobile developers, I build innovative mobile experiences for a variety of clients. Notable projects include BBC Music; which required complex asynchronous networking and dynamic configurable UI, and also myTC (Travel Counsellors).

Vulcan to the Sky Trust / March 2011 - Oct 2015

Lead Software Engineer - Responsible for the development of the iOS and Android applications for the last flying Avro Vulcan, XH558. The aircraft was restored to flight in 2007, and flew for a further 9 years until final retirement in 2015. The mobile application was developed and maintained on a charitable basis, featuring a bespoke flight tracking system and comprehensive media library.

AviationLogic / Aug 2013 - July 2014

Lead Software Engineer - I was contracted to design and develop a suite of iOS applications to be used by general aviation pilots, ApproNavigator. The apps provide a dynamic animation canvas built to aid aviators in the planning and execution of an approach to an airfield. The project was particularly challenging due to the complex nature of its intended usage and the responsibility that it entailed.

Evolution Time Critical / Aug 2012 - Feb 2013

Lead Software Engineer - I designed and developed the mobile clients for Evolution Time Critical, an emergency express haulage firm; on iOS, Android and also Windows Phone.

Open Source Contributions

I'm an active contributor to the iOS open source community, primarily building and maintaining UI components. Most notably, I authored [Pageboy](#) & [Tabman](#); which offer highly configurable and powerful page view controller / tab bar behaviour. Both of these components have proved to be popular, with Pageboy being featured in iOS Dev Weekly.

Other

- Computer Science Lab Demonstrator - University of Hull

Skills

- Skilled in Objective-C and Swift.
- Proficient in C#.
- Highly knowledgeable of iOS frameworks.
- Experienced Android and alternate platform development (inc. Xamarin).
- Well versed with source control systems (inc. Continuous Integration and Deployment).

Education

BSc Computer Software Development (First Class with Honours)

July 2015 - University of Hull

Other

Three A-levels, seventeen GCSE's.

Related Apps

ApproBASE - Circuit Pattern Calculator for GA Pilots.

ApproNAV - Advanced Circuit Pattern Join Calculator for GA Pilots.

BBC Music - Enjoy a personalised slice of BBC Music on your iPhone and iPad.

my TC - A personal extension of your Travel Counsellor experience.

My open source contributions can be found on GitHub.

Contact

merrick@sapsford.tech

www.sapsford.tech