

Samuel East

About me

My passion is developing, maintaining and managing cross platform mobile applications, seeing gaps in the market and exploiting them for my clients. With the ever increasing speed of technology my focus is finding trends, prototyping and applying an inventive approach to all my projects to achieve early delivery, continuous improvement and a rapid and flexible response to change.

I am comfortable working in an innovative, entrepreneurial environment and enjoy being in forward thinking creative spaces, working with other entrepreneurs learning and applying new skills.

Media streaming has been the main focus of many of my projects working with proven solutions to build scalable and cost effective applications, both mobile and web based.

Audio applications have also been a real passion of mine throughout my life and this shows in my ever expanding portfolio. All of my products are found on both iTunes and Google.Play under developer SoBytes Ltd.

[IOS APP SHOWCASE](#)

Building applications that allow people to connect and share their creativity is what I enjoy most.

Working with Amazon Web Services (AWS) to build fully scalable applications connecting APIs and allowing bulk media storage and streaming.

Skills

My development skills include the use of:

Appcelerator Titanium (IOS,Android), Amazon Web Services, AngularJS, Hyperloop, Alloy/Backbone JS, APIs, JavaScript, PHP, MySQL, jQuery, CSS, HTML5

CMS: WordPress, WordPress Plugin Development

Software: Appcelerator, Git/Gitlab, Sublime, Sketch, Photoshop

Employment

Urology Medical Cross Platform Mobile App - Sept/Nov 2016

This project included building a cross platform mobile app for internal use by the client using Appcelerator, allowing patients the ability to track their urine intake.

Functionality

- *Hyperloop custom module development with fluidui*
- *Highcharts integration and working with new Hyperloop chart modules*
- *Custom widget development for custom cross platform pickers and ui elements*
- *Device PDF generating SVG chart insertion*
- *Cross platform calendar permission commonjs modules ([link](#))*
- *SQLite time based queries with moment.js*
- *Multilingual xml conversion to PoEdit formats for admin insertion*

Client : <http://www.astellas.co.uk>

Company : Emotive

Location: London / Remote

Role: Lead Developer

Technologies: (Appcelerator, Android, IOS, Hyperloop, Gitlab, PoEdit).

Communication: (Podio, Slack).

Mepact Medical iPad App - July/Sept 2016

Building a iPad app with parallax features for internal elearning based around cancer research.

Functionality

- *Multiple scrollable views with hotspots for user integration*

- *Animated popups, tooltips and video modals*
- *Video compression*
- *Google spreadsheet to JSON data conversion for admin developer synergy*

Client: <http://www.cancerresearchuk.org>

Location: London

Role: Lead Developer

Technologies: (Appcelerator, IOS, Gitlab).

Communication: (Podio, Slack).

Virgin Care Website - Jun/July 2016

Updating WordPress CMS integrating advanced search functionality.

Functionality

- *Wordpress custom search plugin*

Client : <http://www.virginicare.co.uk>

Company : Emotive

Location: London

Role: Lead Developer

Technologies (WordPress, MySQL).

Communication: (Podio, Slack).

Shake Locate Cross Platform Mobile App / Website - Dec/Jan 2016

Shake Locate is location based cross platform app. Shake your phone and find your location.

Functionality

- *Cross platform location permissions commonsjs module*
- *Cross platform push notifications*
- *Amazon Web Services Dynamodb tracker background service with AWS Gateway API.*
- *TripAdvisor API integration*

Client: <http://shakelocate.com>

Company : SoBytes

Location: London / Remote

Role: Lead Developer

Technologies: (Appcelerator, Android, IOS).

GoBeyond Medical Mobile App - Sept/Oct 2015

Building a cross platform mobile app using Appcelerator that allows people to monitor HIV drug intake.

Functionality

- *Securely encrypted data*
- *Mass data insertion*
- *Preparation of in app questionnaires for medical analysis*
- *Charts using chartjs*
- *SQLite data models*
- *Multilingual 6 languages*

Company : Emotive

Location: London

Role: Lead Developer

Technologies (Appcelerator, Android, IOS).

Communication: (Podio, Slack).

S3Bubble Amazon Cloud Media Streaming, Sharing & Analytics Jun 2015

Specialising in Amazon Cloud powered media streaming & analytics. For people who are serious about Media Streaming and Secure Content Delivery.

Functionality

- Admin interface built with AngularJS
- VideoJS custom media players
- Secure 128bit encrypted HLS Adaptive Bitrate Streaming
- AWS PHP SDK API integration
- 360 degree video streaming
- Live streaming setup on NGNIX AWS EC2 RTMP & HLS protocols
- WordPress Plugin development for media streaming
- Custom WordPress theme development ([link](#))
- Rest API built with CodeIgniter

Client: <https://s3bubble.com>

Location: Cardiff

Role: Lead Developer

Technologies: (AWS, S3, Cloudfront, Elastic Beanstalk, Load Balancing, RDS, Elastic Transcoder, VideoJS, AngularJS, SOX, ffmpeg, ImageMagick, PHP, MYSQL, WordPress,).

Amazon Scalable Website Jun 2015

Taking an existing WordPress website LMS for the council and installing on AWS using Elastic Beanstalk for optimal scalability.

Location: Cardiff

Role: Lead Developer

Technologies: (AWS, Elastic Beanstalk, Load Balancing, RDS, Caching).

Lumishore, Backend and Mobile App Development - Mar/May 2015

Lumishore build in house products for LED lighting on executive yachts. They needed a mobile app built to connect with their colour wheel EOS controller. The app is currently only found on iTunes and I am waiting for the go ahead to build the app with Android.

Lumishore Boat Controller Mobile App Contract Role This project involved building a iPhone mobile application that connected via UDP socket connections to a boat controller to allow the app to control all the light around the boat.

You can see the project in action here: [view project](#)

Links: ([ios app](#))

Location: Swansea

Role: Lead Developer

Technologies: (Titanium Appcelerator, IOS, UPD Protocol, Socket Connections, Art Net Protocol).

SoBytes CTO 2013 - Present

Managing SoBytes Ltd and building Mobile and Web Applications. <http://sobytes.com/>. We have built a wide range of Mobile Apps focusing on audio and social integration. SoBytes also works with clients to ensure their vision is produced as agreed upon. We use Appcelerator Titanium to build cross platform apps.

- **S3Bubble Broadcaster Jul 2015** Live streaming mobile application built with Swift using the Videocore framework.

Links: ([ios app](#)) Technologies (Xcode, Swift, Videocore).

- **Audibase** Record audio, tag photos and instantly upload and share with the world.

Links: ([Website](#), [iPhone App](#))

Technologies: (Titanium Appcelerator, AWS(Amazon Web Services), Codeignitor, API, SOX, ffmpeg, ImageMagick, PHP, MYSQL).

- **Audio Tweets by Audibase** Instantly tweet your audio recordings in 3 simple steps.

Links: ([iPhone App](#))

Technologies: (Titanium Appcelerator, Amazon Web Services, Codeignitor, API, SOX, ffmpeg, ImageMagick, PHP, MYSQL).

- **Appapella by Audibase** iPhone, Urban Karaoke App Sing, Rap, Produce and Collaborate.

Links: ([iPhone App](#))

Technologies: (Titanium Appcelerator, Amazon Web Services, Codeignitor, API, SOX, ffmpeg, ImageMagick, PHP, MYSQL).

- **Big Reporter** The place for articles on global events sport, media, and lifestyle stories technology.

Links: ([iPhone App](#), [Android](#))

Technologies: (Titanium Appcelerator, AWS(Amazon Web Services), Codeignitor, API, SOX, ffmpeg, ImageMagick, PHP, MYSQL).

Abannan 2012 – 2013

Mobile Application Developer – Building iPad and iPhone mobile applications, heavy MVC JavaScript development and working with APIs. I was one of the senior developers in the building working on 'EasyPinz' a wedding planner for iPad currently on the Apple store. Building a live database synchronisation between the app and the website, building a to-do list table plan and budget mood boards that can drag and drop.

Technologies: (Titanium Appcelerator).

makeandsee.com - 2010 – 2012

Senior Web Developer – Including PHP, MYSQL, jQuery, JavaScript Application Development, WordPress, WP Plugins, Titanium Mobile

LearnthruMusic, Lead Web Developer, Nov 2011

LearnThruMusic is the UK's leading provider of online learning resources that use music to help students revise and learn for GCSE and KS4 subjects. Our learning resources cover Maths, English Literature, English and Science.

Links ([Website](#))

Technologies Wordpress, PHP MySQL, jQuery, CSS, HTML5

Mikeleachcreative.co.uk, 2009 – 2010

Senior Web Developer– Including PHP, MySQL, jQuery, HTML, CSS, CMS Development, WordPress, Joomla, Business Catalyst, Drupal, WP Plugins.

Doubleback, Lead Web Developer, Mar 2012

Doubleback was an exciting project, having the opportunity to see the transformer van in action, developing the website purely in jQuery and HTML with a flash feel. Good to see the video trending with lots of interest.

Links: ([Website](#))

Technologies: jQuery, HTML

Education

Swansea Metropolitan University 2007 - 2009

Degree in Interactive Digital Media Awarded BA Hons 2:1

Swansea College, Tychoch, Swansea 2003 - 2005

National Diploma in Music Technology Awarded BTEC, Triple Grade Distinction, Merit.

John Colet School, Wendover, Buckinghamshire 1994 – 1998

GCSE's 9 Passes at A - C grade (Includes English, Maths, Sciences)