

# ***Samuel East***

## ***About me***

My passion is developing, maintaining and managing mobile and web applications. With the ever increasing speed of technology my focus is finding trends, prototyping and applying an inventive approach to all projects to achieve early delivery, continuous improvement and a rapid and flexible response to change.

Javascript is my main coding language with the ability to build fully Native mobile applications for IOS and Android with Frameworks like Appcelerator. Building scaleable api's with NodeJS Lambda powered through Amazon Gateway API. And using frameworks like AngularJS to build feature rich powerful web applications.

## ***Skills***

My development skills include the use of:

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

CMS: WordPress, WordPress Plugin Development

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

## ***Employment***

### ***Shake Locate Cross Platform Mobile App / Website - Sept/Dec 2016***

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

#### ***Functionality***

- Cross platform location permissions commonjs 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, Node, Javascript, CommonJS ).

### ***S3Bubble Amazon Cloud Media Streaming Aug/Sept 2016***

Amazon Web Services powered media streaming. Media Streaming and Secure Content Delivery with fully php sdk integration and AngularJS functionality.

#### ***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
- Node custom modules for videojs ( [link](#) )

**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,).

### ***Mepact Medical iPad App - July/Aug 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 ).

### ***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, Node, Javascript, CommonJS ).

**Communication:** ( Podio, Slack ).

### ***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](http://makeandsee.com) - 2010 – 2012**

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

### ***Learnthru music, 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, Tycoch, 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)