

EXPERIENCE

Joyspace

Lead Backend Engineer September 2015 - Present

- Responsible for architecting and building a secure REST API and web socket server. Leveraged multiple AWS services including RDS, ELB, EC2 auto scaling and ElastiCache with redis, to build and deploy stateless scalable servers running on multiple environments.
- My responsibilities include ensuring the stability of various servers by building tests scripts for load, unit and sanity testing.

Keey Music Maker (www.keeyapp.co)

Founder, iOS Developer & Designer February 2015 - Present

- Solely built and designed Keey, a digital audio workstation for the iPad aiming to make producing music easier. I Worked heavily with the challenging iOS Core Audio framework for audio playback, processing and recording.
- Achieved 126 up votes on Product Hunt on its first day of feature.

Seed.jobs

Software Engineer Intern April 2015 - July 2015

- Worked closely with the design team to create a bootstrap themed UIKit to be used across all existing and future web applications.
- My work included writing and maintaining scalable and extendible stylesheets used in building out web application components, including email templates.

Dise

Co-Founder, Developer & Designer January 2014 - June 2015

- Dise is an award winning software development company specializing in mobile and web development.
- Built the Nottingham Economics & Finance Society iOS app and was responsible for building the REST API and a custom Content Management System. <http://bit.ly/20avqW0>
- Collaboratively developed the UoNSU Welcome Week iOS app in partnership with the University of Nottingham (used by over 5000 students during its first week of launch) intended to improve the week one experience for new students just starting university. I integrated both twitter feed and bus timetables using an unofficial API, solely built by me.

Mumble

Lead Web Developer & Product Designer November 2014 - February 2015

- Managed a small team of web developers to complete detailed programming and development tasks for a front end public website as well as challenging back-end server code.
- Worked with a product lead to design the iOS, web and Android products.
- My work included implementing a REST API that would allow developers to post and retrieve data on users based on their geographical location.

EDUCATION

University of Nottingham

September 2012 - July 2015 | Nottingham
(BSc. (Hons) in Computer Science)

Abacus College

January 2012 - August 2012 | Oxford
(Foundation Degree in Computing A grade overall)

TECHNICAL SKILLS

Programming

C, C++, Objective-C, Swift, Java, Python, Haskell, HTML, CSS, Less, SaSS, PHP, Javascript, Node.js, Angular.js, React js, Socket.io, Sock js, MySQL, Redis, MongoDB, AWS, Server Clustering

Design

Photoshop, Sketch, Balsamiq

Systems

Unix, Linux, Windows, Mac OS

AWARDS / ACHIEVEMENTS

Apple WWDC 2015 Student Scholarship Recipient

- A scholarship to reward 350 creative and talented student developers around the world with the opportunity to attend the Apple 2015 WWDC event in San Francisco.

Sparks Notts Best Business Idea - Winners

- Secured business perks worth £25,000, including office space, legal support and an accountant for a year.

BattleHack London 2014 - 2nd Place

- Built an iOS app with a team of 4 developers to enable users to access and share data connections with tourists, providing cheap data to roamers.

Barclays GradFactor 2014 - Finalist

(Presented with Innovation Award)

- Selected into the top 5, from over 100 teams in the UK to compete for a £10,000 equity investment prize for an iOS app aiming to teach youngsters the fundamentals of programming.