

MATTHEW SEARLE

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PROJECTS

I have recently completed a 16-week coding bootcamp at iO Academy. During my time there I worked on a range of projects, both individual and in a scrum team. Below is a selection of some of my favourites.

MongoDB, Express, React, Node /

Appointment Booking App

github.com/iO-Academy/2021-aug-medibooker-fe

A full MERN stack application utilising a JavaScript/React and Tailwind CSS front-end to allow patients to book an appointment based on Doctor availability using a date picker, with backend logic handled in Node.js with Express and Doctor and Patient information stored in a MongoDB database.

React, Bootstrap, SCSS / Aptitude Test

github.com/iO-Academy/aptitude-test-react

As part of a larger team, I contributed to rebuilding an existing application for the iO Academy Aptitude Test using React, implementing all the same features as the previous Typescript based version. We worked with an existing RESTful API and began building a scalable application to replace the existing legacy project.

PHP, HTML, CSS, SQL / OOP Listing App

github.com/iO-Academy/2021-aug-oopTransformers

Using Object Oriented Programming, this listing app pulls Transformers Top Trumps data from a MySQL database using SQL, populating the webpage with this data, making use of PHP and the hydrator design pattern. The code was unit tested where possible, and adhered to SOLID design principles.

WORK HISTORY

Graduate Software Engineer

Solirius Consulting, Jan 2022 - Present

- Working on the HMCTS account, upgrading legacy applications and integrating new technology to improve security and reliability. Mostly using AWS, Azure, C# and Java.

Music Buyer

Juno Records, 2014 - 2021

- Managed multiple worldwide accounts from music suppliers, distributors and record labels,
- Analysed and reported on sales performance.
- Managed large catalogue of data via CMS.

Broadcast Assistant

Rinse FM, 2013 - 2014

- Oversaw the running of the studio, technical troubleshooting, and social media output.
- Edited and published podcasts using Adobe Audition, Filezilla & Wordpress.

EDUCATION

Full-Stack Software Development Bootcamp

iO Academy, 2021

16 week intensive coding bootcamp with a focus on understanding the fundamental concepts and best practices of programming using in-demand technologies.

During the course I also became a Scrum Alliance Certified Scrum Master.

BA (Hons) Creative Music Technology 2:1

Falmouth University, 2010 - 2013

Honed skills in creating sound and music for a wide range of media, including music composition, recording, editing, mixing, mastering and interactive installations.

BTEC National Diploma in Sound Engineering

dBS Music, 2007 - 2009