

# Michael Barr

## Full Stack Developer

github.com/mikebarr24

## Personal Details

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## Work Experience



### FisioML Web App

12/2021 - Present

- Design, frontend and backend development of web app for physiotherapy business.
- Utilising technologies such as React, NodeJS, MongoDB, SASS & Git versioning.
- Testing driven development to ensure a robust functionality.

### MisPartituras Website & Web App

12/2021 - Present

- Design, frontend and backend development of website and web app for music education site based in Spain.
- Utilising technologies such as React, NodeJS, MongoDB, SASS & Git versioning to deliver an accessible website for students and staff.
- Test driven development to ensure a robust functionality.

### Apple Store - Tech Specialist/Genius Admin

10/2016 - 10/2019

- Managing the technician team, prioritising and scheduling tasks to maximise efficiency.
- Monitoring technical systems and processes.

## Education



### CodeWithMosh

05/2022 - 06/2022

NodeJS

- In-depth look at MongoDB, Express, and other packages commonly used with NodeJS. Applying authentication, authorisation and validation within NodeJS as well as test driven development and other best practices.

Docker

- Create multi-container apps and a look at continuous deployment of apps.

### freeCodeCamp

01/2022 - Present

#### Front End Development Libraries

- Includes React, Bootstrap, Sass & Redux.

#### JavaScript Algorithms and Data Structures (completed)

- Covered a range of programming styles: Object Oriented Programming (OOP) and Functional Programming (FP).

#### Responsive Web Design (completed)

- Includes HTML, CSS & accessibility best practices

### HarvardX CS50W

10/2021 - 07/2022

edX Harvard

- Implementing a Django web app utilising HTML, CSS, SASS, Python, Javascript, React, Docker and SQL Databases.
- Experience researching problems using forums such as Stack overflow.

### Music Performance MMus

09/2011 - 05/2013

Royal Conservatoire of Scotland

- Performance Masters focusing on performance on French Horn

### Music Technology BSc: 1st Class Honours

09/2008 - 05/2010

Queens University Belfast

- Computer programming modules covering object oriented programming. Working with Java and Supercollider.
- Modern live performance integrating technology and live audio processing.

## Profile

A motivated problem solver with an eye for design. I have accumulated a vast knowledge and an excellent working skillset for web development and am now looking to join a team of likeminded people. CPD is extremely important for me and I am always striving to stay connected to current trends in the fast moving technological world.

## Skills

- Javascript
  - ReactJS
  - NodeJS
  - Express
  - MongoDB
- Python
- Django
- Docker
- HTML5
- CSS
  - SCSS
  - Bootstrap
- Git
- Github

## Languages

English      o o o o o

Spanish      o o o

## Hobbies

I love the outdoors and spend time hiking, climbing, fell running and kite surfing.

Music is also something I love to do. I have played and continue to play in a range of orchestras and bands.