

Michael Moawad

Front End Software Engineer
London City, GB



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A creative and meticulous self-taught Front-End Developer with a passion for responsive design, mobile-first approaches and dynamic software development along with a strong competency in JavaScript, HTML, CSS and frameworks such as React, SASS and more, looking to further expand my skill set in full stack development.

Skills

Languages

- JavaScript ES2015 (ES6)
- HTML
- CSS
- Bash
- PHP
- Python
- MATLAB

Frameworks

- React
- SASS
- Semantic UI
- Bulma
- Bootstrap

Technologies/Software

- Git / GitHub
- Linux VPS
- Node.js
- Photoshop
- MySQL
- Magento 2
- WordPress
- SSH and SFTP Protocol

Software Development Experience

Architectural Association

11/2020 - Present

The Official Website of the Architectural Association School of Architecture

- Redesigned React components to dynamically retrieve and render information from the live database, allowing for staff members to independently upload and edit content via Statamic CMS without the need of a developer.
- Redeveloped many components of the site to map through and print large sets of data called from external API's, replacing several hundreds of lines of code across the codebase with minimal lines of code localised in one file.
- Established a strong understanding of large scale website infrastructures allowing for quick recognition of errors, ability to locate their origins and swift resolutions and fixes.
- Facilitated Server side processing with PHP and MySQL to manipulate data pulled and presented from API's.

Coptic Lawyers Worldwide

10/2020 - 11/2020

A remote organisation designed to connect lawyers from a minority group to provide tuition and networking opportunities

- Utilised React styled components to build the site allowing for automatic critical CSS and simple dynamic styling, hugely reducing the amount of code written.
- Designed both the UI and UX of the site with a strong focus on responsiveness and event handling using CSS grid in conjunction with media queries.

Living And Powerful Ecommerce Website, Cumi Ltd

07/2020 - 11/2020

An Ecommerce website that ships NKJV bible themed illustration cards and accessories suitable for all ages.

- Managed a Linux VPS using bash scripting to adjust server components like memory allocation while maintaining the data base ensuring processes and server side software do not fail upon website deployment.
- Developed an understanding of the optimisation of delivery of code and assets to a browser using caching, compression and more to boost website load speeds and enhance customer experience.
- Assisted in Creating an Ecommerce website within Magento 2 in combination with HTML5 and CSS3 to develop functional and responsive design blocks designed by the clients with a mobile-first design approach in mind.

St Mark Website Coptic Orthodox Church

05/2020 - 07/2020

The Official St Marks Coptic Orthodox Church Website, based in High-street Kensington.

- Worked closely with other designers while maintaining constant communication with employers to develop and deploy new webpages within narrow time-frames set in place due to the COVID-19 Pandemic.
- This website uses WordPress along with the Avada theme.

Personal Projects

05/2020 - 07/2020

- **Bible Reader Web App** - React project utilising data fetching and parsing from external API's using state management and React Hooks as well as declarative routing between pages using React Router. Responsive styling using CSS Flex.
- **Budget App** - Vanilla JavaScript Budget Management application calculating total income and expenses input by the user. Built using no libraries and with knowledge of Lexical Scoping and Closures.
- **Roll The Dice App** - Vanilla JavaScript Browser Game developed using event handlers along with other DOM Manipulation techniques to roll two dice, generate and reset scores and terminate the game once a player has won.

Other Work Experience

Music Producer, Mixing and Mastering Engineer (Free-Lance)

07/2018 - 02/2020

- Gained over 2 million streams with over 800 thousand monthly listeners and was placed on Spotify editorial playlists for tracks that I wrote, recorded, produced, mixed and mastered and built relationships with industry professionals.
- Regularly defining the project scope, deadlines and booking studio sessions to ensure efficient end to end project management and completion of projects within time-frames put in place by labels and other management.

Occupational Health Administrator, Nuffield Health

07/2019 - 05/2020

- Responsible for booking appointments for client corporate colleagues with Occupational Health Advisors and Physicians through liaising with Colleagues, Managers and Health Advisors.
- Handled confidential data regarding client cases through processing and delivering Occupational Health Reports to respective colleagues and managers when provided consent and answered queries from Corporate clients.

Data Entry Operator, Nuffield Health

06/2019 - 07/2019

- Accurately retrieved data from several sources such as company files, forms and online sources to fill in Private medical health care profiles for public release by Nuffield Health.
- Created several spreadsheets designed for different purposes for the efficient retrieval of information for when creating tailored marketing campaigns to consumers seeking specific specialities within a region.

Maths and Physics Tutor, Torchlight Tuition

09/2018 - 06/2019

- Managed a large group of students successfully ensuring each student achieved a desired target grade.
- Designed tuition curriculums tailored to each student while accumulating relevant study resources.

Lettings Assistant, Savills

08/2017

- Registered new clients enquiring through phone, email and walk ins during intense office hours.
- Presented properties to enquiring clients as a Savills representative proving honesty within the workplace as the supervisor provided me with keys to respective properties in confidence.

Education

University of Southampton

09/2015 – 06/2018

Degree Classification 2:1
Mechanical Engineering BEng (Hons)

Richard Challoner School 06/2015

08/2008 –

A-levels: Mathematics (A), Physics (B), Music Technology (C), Psychology AS (B)
GCSEs: 12 GCSE qualifications at grades A*-C

References Available Upon Request