

Samatar Xasan

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PROFILE


A professional Structural Engineer who has learnt to code whilst working full time and is looking to transfer his skills and experiences into his first Graduate/Junior Software Engineering role. Specialised in front end web development and is currently learning how to build APIs and Full-stack applications using the ASP.NET framework.


TECHNICAL SKILLS


HTML CSS JavaScript C# React Bootstrap SQL Git AWS Firebase Figma

CERTIFICATES

Responsive Web Design 
Freecodecamp

JavaScript Algorithms and Data Structures 
Freecodecamp

JavaScript Essential Training 
LinkedIn Learning

Intermediate C# 
Codecademy

PROJECTS

Portfolio

- Made my personal portfolio using React and leveraged the use of external animation libraries like React Spring and SwiperJS
- Implemented unit tests on some of the functional components using Jest, Enzyme and the React Testing Library
- The site uses Google Analytics to track page visits and has also obtained a 100 score on desktop for the Lighthouse quality test

Cryptocurrency Dashboard

- Built a dashboard using ReactJS that fetches data from an external API
- Filtered and sorted through the data to create several UI components, allowing users to choose between viewing the data in a list or card format
- The site allows users to sort through the cryptocurrencies based on their name, coin code or price
- Obtained an average Light house score of 99.5 and achieved 100 in the SEO tests

Sneaker Launch

- Produced a sneaker launch website using React and React router to render different components as separate pages
- Used Bootstrap 4 to style the website and to make the components responsive to page width changes
- Launched and hosted the site using AWS Amplify and ensured continuous deployment if any changes are made to the Github repository

Movie Database

- Created a movie database using HTML, CSS and JavaScript
- Fetched data from an API using an asynchronous function and extracted the movie poster, title, description and movie rating from the JSON
- Styled the website to be responsive and implemented a coloured rating system

EDUCATION

MSc - Civil Engineering Structures - Grade: Distinction
City, University of London


09/2016 – 09/2018

BEng - Civil Engineering - Grade: First Class Honours
City, University of London

09/2013 – 09/2016

PROFESSIONAL EXPERIENCE

Structural Engineer

Engineeria 

02/2019 – present

- Designing and Analysing buildings to relevant standards and codes of practice.
- Issuing detailed technical reports to clients and communicating ideas with clients and designers.
- Experience in working to tight deadlines and delivering results on time with errors

Digital Kickstarter Scheme

Muslimic Makers

09/2020 – 01/2021

- Took part in a 4-month tech upskilling programme ran by industry experts.
- Attended and participated in workshops about UX research, digital marketing and data analytics
- Used Figma to create a wireframe for the capstone project of the scheme, which was a quiz linked to Firebase

INTERESTS

Reading books about self-development, history and languages, Mentoring undergraduate and college students, Enjoying photography, MMA and football