John Harrison

Full Stack Software Developer

◎ Belfast/Bath (open to relocation)

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🔗 https://jbharrison5.github.io/JH_portfolio/

I am a passionate full stack developer who thrives in collaborative environments where I am solving difficult problems. Beyond coding, I have spent many years dedicated to local rugby clubs, honing teamwork and leadership skills. My coding journey, from hobby to the iO academy full-stack bootcamp, has provided me with extensive programming knowledge. I am eager to apply my skills on interesting problems as I continue to develop in my formative years as a software developer.

Profiles

in jbharrison5   JBHarrison5

Certifications

Agile Professional Certification
iO Academy
February 2024

First Aid at Work
St Johns Abulance
February 2023

Open Water Diver
SSI
May 2022

Awards

CS50 - Intro to Computer Science
Harvard University
August 2020

Ulster Schools' Cup Rugby Champion
Ulster Branch
March 2018

Skills

HTML

CSS

MySQL

PHP

Git

JavaScript

React

Slim

Node.js

MongoDB

TypeScript

Python

Education

Full Stack Development	January 2024 - May 2024
iO Academy	Software Development Bootcamp

The course included the study of backend development using PHP with slim and Node.js with express, as well as learning about RESTful APIs and managing databases using mySQL and mongoDB. Additionally, I gained exposure to the front-end, specifically Javascript with the React framework and it's extensive libraries.

Durham University	September 2018 - July 2021
Chemistry	BSc

Campbell College, Belfast	September 2011 - June 2018
Chemistry (A*), Mathematics (A*) and History (A)	A-Level

Projects

React Application
ScranShippers

I developed a food delivery application using React and Bootstrap which integrated with an existing API and implemented features like pagination and order submission. By the end of the project I was comfortable using React for front end development.

Github Live Site

Object-Oriented API Build
Music Player Application

I contributed to a collaborative effort to produce a well architected API using PHP. Combined with a supplied front end, our project produced a music player app similar to Spotify. The project reinforced the principles of OOP which I found it extremely beneficial for code reusability. I especially enjoyed the architecting and planning stage of the project.

Github Live Site

Experience

Senior Systems Operator	July 2021 - January 2024
Hawkeye Innovations	Basingstoke (global)

My role involved leading the installation and delivery of ball tracking and video replay services at elite sports events. I had to provide clear communication of complex system requirements to non-technical clients and stakeholders, as well as troubleshoot hardware and software issues on-site and remotely in time pressured situations.