

Emad Islam

Manchester – Open to relocate

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<https://github.com/code-emad>

<https://emadislamportfolio.vercel.app/>

https://www.tiktok.com/@code_emad

Personal Profile:

Ex-accountant taking the leap in to the world of tech. After being exposed to SQL, I decided that I wanted to delve further in to writing code and joined Northcoders on their JavaScript coding bootcamp. Throughout the course I have been breaking down problems in to logical steps and exposed to best practices in writing code.

Technical Skills:

Languages: JavaScript/Node.js, Python (fundamentals), C# (fundamentals)

Back-end: PostgreSQL, Express, Jest, Supertest, Firebase

Front-end: React, React-Native, HTML, CSS, NativeWind

Experience:

Northcoders: Junior Software Developer 11/22 – 03/23

13-week coding bootcamp revolving around full stack development (JavaScript fundamentals, back-end development and front-end development). Taught best practice throughout the course which involved test driven development (TDD), paired programming, debugging, error handling, agile working and version control using Git.

Back-end project – Board game reviews – a reddit like API where users can post reviews of board games, post comments and vote up/down. I created a database using PostgreSQL and used Express to construct a RESTful API. I applied Model-View-Controller architecture and test-driven development throughout the project with Jest/Supertest used for my testing frameworks.

<https://github.com/code-emad/BE-House-Of-Games>

Front-end project – Board game reviews – front end side of the API created. Using React, I created an interactive web application for the back-end API. The project was planned with a wireframe and a kanban board was used to track progress. With optimistic rendering in mind, the user can navigate through the API in a much more visual manner. Axios was used to send HTTP requests to the server and CSS to style the application.

<https://github.com/code-emad/FE-House-Of-Games>

Group project – Velp – a group full-stack project where we created an android application to be a platform that connects volunteers with charities in need of volunteers. To create the database, we used Firebase and used React-Native as our front-end framework. It was nice to work as part of a team, we kept ourselves organised using a Trello board whilst using agile work practices to carry out this project. A mixture of NativeWind and traditional CSS was used for styling.

<https://github.com/code-emad/NC-velp-final-project>

The Christie NHS Foundation Trust: Assistant Finance Manager Costing 06/21 – 10/22

- Responsible for working with the costing team in order to complete national patient-level costing system.
- Query and develop databases built with SQL.
- Manipulate the data in to a usable format and present findings to divisions.
- Work with data engineers to develop data specifications for NHS costing.

Saint Mary's Hospital: Management Accounts Officer 03/20 – 06/21

- Produce monthly management accounts reports.
- Analyse budget variances and communicate findings with management.
- Work with big data to derive drug expenditure each month.
- Helping in providing training to new staff on current processes.

The Christie NHS Foundation Trust: Financial Services Assistant 10/18 – 02/20

- Update the ledger with transaction from the Trust's bank account.
- Prepare monthly ledger reconciliations.
- Pinpoint incorrect ledger entries to their cause and raise to management.
- Supervise/train apprentice.

HMRC: Tax Officer 12/16 – 09/18

- Visiting companies to learn more about the business and discover any tax at risk.
- Complete an assessment on whether a company are meeting their PAYE responsibilities.
- Calculating and issuing complex tax computations.
- Deal with customer queries and working through PAYE responsibilities.

BNY Mellon: Income Administrator 04/15 – 12/16

- Reconcile income payments to income received.
- Handle client enquiries.
- Lead on process improvement opportunities.
- Buddy and train new members to the team.

Education:

Manchester Metropolitan University: BA (Hons) - Accounting and Finance 1:1

Xaverian College: 3 A Levels - Mathematics, Economics, Accounting

Burnage High School: 9 GCSEs - A-C including Math's and English

Other Qualifications:

- Udemy – C# Basics for Beginners: Learn C# Fundamentals by Coding
- Udemy – The Complete SQL Bootcamp: Go from Zero to Hero
- NHS NW SDN – Foundation SQL
- CIMA – ACMA, CGMA
- Driver's license with access to car

References:

Available upon request.