

# Brian Penrose

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## Professional Summary

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An innovative and critical thinking Software Developer with a wide range of programming and software engineering skills. Possesses comprehensive technical capabilities with strong knowledge of software programming, web development and database structures. Seeking to apply my skillsets in an industry-based environment with an innate ability to learn and master new technologies.

Eportfolio = <https://brianpenrose.github.io/eportfolio/>

## Education

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### MSc Software Development

September 2020 - 2021

*Queens University Belfast*

#### Modules Completed:

- Programming.
- Databases.
- Software Engineering.
- Computing Foundations.
- Web Development.
- Data Analysis & Visualisation.
- Cloud Computing.
- User Design Experience.

### BSc(hons) Sport & Exercise Science

September 2019 – May 2020

*The Open University*

First Class Honours (72%)

## Experience

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### Education Authority of Northern Ireland

Feb 2022- Current

Junior Software Developer

- Engineered Web Applications using HTML5, CSS3, JavaScript and .NET framework for company and customer requirements.
- Developed Back-end code using C# & SQL languages which were regularly linked to SSMS Databases.
- Implemented APIs into existing application.
- Implemented Project Management Software (Asana) into development team to improve workflow.

- Liaised with other Developers in weekly stand-ups to meet business requirements whilst effectively communicating with other IT departments to ensure efficient workflows.

## **Freelance**

Feb 2021 – Mar 2022

Frontend Software Engineer:

- Engineered scalable, responsive, multi-platform and SEO friendly websites for multiple clients using HTML5, CSS3 + BEM, JavaScript ES6+ and most recently React best practises.
- Communicated business requirements with clients and delivered high quality solutions
- Connected to backend APIs and Datasets.

## **Self Employed**

Jan 2021 – Jul 2021

Programming Tutor:

- Tutored clients HTML, CSS, Flexbox and JavaScript best practises
- Simplified difficult programming concepts including responsive website development, CSS layout and API requests.
- Taught debugging best practises using Google Chrome inspect element tooling.

## **Projects**

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### **E-Portfolio**

<https://brianpenrose.github.io/eportfolio/>

- Designed, developed, and hosted my e-portfolio using semantic HTML5, CSS3 (+BEM) & JavaScript best practises.
- Provided support for search engine optimisation for higher indexing through Google's search engine crawler
- Included responsive and multi-platform support to enable the portfolio to be viewed on any platform and device

### **E-commerce Website**

<https://connectreact-app.herokuapp.com>

- Designed a tech e-commerce website in using React-Router, Hooks, Skeleton Loading States, Dynamic Datasets along with other responsive design principles.
- Included a responsive design linked to a dataset which dynamically pulls the products to the screen.
- Linked to third party cloud supporting service Heroku.

### **Client Portfolio Website**

<https://brianpenrose.github.io/clientportfolio/>

- Developed a dynamic and responsive client portfolio with an attractive UI Design with HTML5, CSS3 and JavaScript.
- Ensured the clients specifications and project were all implemented as per request.
- Received positive feedback from client about the site leading to an increase in job interviews.

## Technical Skills

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**Proficient:** Html5, CSS3 (BEM), JavaScript ES6+, Java, SQL, GitHub, .NET,C#

**Familiar:** React, PHP, Linux, Docker, Windows / MacOS operating systems

## Referees

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Available upon request.