Robbie Parr

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https://github.com/Robbie-Parr   Prepared to relocate to Yorkshire

A full-stack developer, proficient in React, Typescript and .NET who can adapt to any challenge. Undertaken a leadership role, as President of Baking Society, improving team cohesion & performance throughout my term and beyond. Created a tech community, with 125 members, linking fellow students with industry professionals from several well-established tech centred groups in York. Aspiring to return to York and build Mobile and Web Applications, in .NET or React. Seeking a role in a dynamic and innovative company where my creative solutions can shine.

Technical Skills

- Programming Languages: TypeScript, JavaScript, C#/.NET, Python, Java, Haskell, HTML, CSS & SCSS
- App development: React and React Native utilising TypeScript and .NET MAUI
- Styling with TailwindCSS
- Deploying with Expo & Vercel Deployment
- Continuous Integration & Project Management in Git (GitHub)
- Databases using Firebase, Sanity & SQLite (Using SQL and XML), MySQL, MongoDB
- Using Umbraco & Kentico CMS
- Machine Learning and AI development and utilisation

Education

University of York Graduated 2023:
BEng in Computer Science, Second Class Honours: Division One (2:1)

Investigation of the Importance of feature selection for hand gesture recognition using low-cost sEMG wristband

In my final year at the University of York, I undertook an ambitious final degree dissertation project in Python. This project entailed me designing a machine learning model pre-training LSTM, CNN and ANN layers to select the best features for use in a smaller, more streamlined, model for hand gesture recognition using wearable IOT devices, with this project focused on sEMG detectors.

Collyers (College of Richard Collyer) A Levels:
Computer Science: A*, Mathematics: A*, Physics: A, EPQ-Artefact: B

Volunteering

From September 2024, I've been dedicating some of my time to Cancer Research UK. The charity is close to my heart, and is doing the most important work ever in human history. I am honoured to be giving my time to them whenever I can to make a difference.

Experience

IDHL (Leeds)	January 2024 - August 2024

As a Junior Support Developer, I:
- Worked on a range of Kentico and Umbraco CMS oriented websites; predominantly focussed on informational content, selling custom services across various industries from legal advice to furniture.
- Worked Full stack on sites built with .Net backend & React Frontend, built by another team.
- Adapted quickly to a wide range of custom implementations including several custom integrations to existing client owned CRM and media systems.
- Evaluated client queries and requests to produce quick and fast "band-aid" like solutions to ongoing situations on Live commercial websites.

Findon Software (Remote)	September 2023 – December 2023

As a fully remote React Developer on one of Findon Software's projects I:
- Created reusable react components, with a custom hook to access the database via a custom API.
- Used .NET to compile a highly coupled NodeJS environment, with a focus on the NodeJS/React code during tenure.
- Remained motivated to make progress on client requirements and requested changes despite challenges of working remotely with other contracted developers.

York Community Consulting (YCC)	October 2022 – June 2023

Joined a technology focussed consultancy project as a Senior Consultant and upon completion of the project was promoted to a Software Developer in the wider YCC Technology team:
- Developed the new YCC website, utilising ReactJS/NextJS, SCSS, JSX with a JavaScript backend and firebase data and API endpoints.
- Enabled YCC to get future clients and students involved with the consultancy firm.
- Worked in an Agile centred team, using GitHub.
- YCC was ecstatic about the website that I helped develop, enabling future development by using the separation of concerns at all points during the project.

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University of York, Baking Society	March 2021 - March 2022, Three University Terms
As President of the Baking Society I: - Led a new small interdisciplinary committee team. - Organised the multitude of fantastic events we put on, including my personal favourite one about Chocolate, giving members an insight into the vast history of Chocolate within York. - Rejuvenated the buzz for in-person events after lockdowns. - Created and maintained fantastic relationships with society members and small businesses in York.	

Shelton Development Services (Cranleigh)	31 July – 4 August 2017
At a one-week software development work experience I: - Re-created a licence system for the company's software products. - Used Python, Pygame, HTML and CSS in my first professional setting. - Collaborated with Senior Developers to integrate the system I had created into their work, enabling a seamless upgrade to this new, more secure, system.	

Transferable skills
- Leadership,
- Problem Solving,
- Communication,
- Collaboration,
- Fast Learner
- Resilience,
- Resourceful

Interesting Hobbies

In my spare time, apart from programming, I like to cook and bake. I'm always curious to try new recipes; to learn about different cuisines, curious about different cultures and the diverse history of other nations and groups. For me, understanding other points of view and opinions gives a better view of the bigger picture and helps me make an informed and nuanced decision that unites everyone with a common goal.

While at the University of York, it was an honour to have been the President of the Baking Society Leading an interdisciplinary team in pursuit of giving our members joy, inspiration and a strong sense of community. I always like to try something new, and this arguably extends to my cake making more than my programming at times. I'm always trying different creative permutations to solve a problem, whether at work or outside it.

While at IDHL, I sought out and joined their charity committee, creating a monthly Bake Sale event for Martin House. Raising over £100 in my tenure. I can confidently say that, when it comes to charity events and making the world a better place by supporting others, I am the first in line to offer my support and to get involved in any way I can.

Recently I've been working on Parr-Galaxy, my own Print on Demand Etsy Store. Enabling me to share my wonder and curiosity about space and the wider universe with more people. It has taught me loads about SEO, graphic & product design and promotion. I look forward to finding out what else I can learn, while creating premium quality products for others.

Portfolio Site

Using a ASP.Net .Net 8 backend with a React and razor frontend, empowered by the Umbraco CMS, my Portfolio website is one of my most ambitious projects. Based off my React oriented version of the site, this site was rebuilt from the ground up to demonstrate my ever growing skillset.

My portfolio site is in a state of continual improvement and change as I continue to expand my horizons and learn, in order to reflect my ever-growing skillset. You can find it, and more details about me, at Robbie-Parr.com