Harry Robinson

Junior Software Developer

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PROFILE

Results-driven developer who is optimising web experiences through continuous skill development. Proficient in JavaScript, React, Node, and SQL, with a focus on creating robust REST APIs and beautiful accessible frontends.

TECHNICAL SKILLS

Languages	JavaScript, TypeScript
Frameworks/Libraries	React, React Native, Node, Express, BeautifulSoup4, Selenium, Tailwind CSS
Databases	PostgreSQL, Firebase, Supabase
Tools	Git, Postman, Insomnia, JEST testing, and Supertest testing, Expo GO

EXPERIENCE

Trainee Software Developer   Northcoders   Aug 2023 – Nov 2023

- Understanding the development lifecycle, test-driven development (TDD), agile methodologies, and pair programming to facilitate efficient teamwork.
- Implemented a comprehensive testing suite using Jest, for example, using mock functions for the testing of asynchronous functions. As well as the use of the supertest npm package.
- Focused mainly on backend development with Node.js and Express.js, enabling CRUD operations.
- I have utilised React for UI development, emphasising accessibility through ARIA techniques and ensuring responsive design.
- Maintained consistent version control with Git and GitHub, facilitating seamless collaboration and efficient teamwork at Northcoders.
- **Projects created during my time on Northcoders bootcamp:**

Trippy [Repository](#)   [Video](#)

Typescript, React Native, Firebase Realtime, Expo,
Mobile app to manage school trips from three roles – Parent, Teacher, Child
  - Teachers can plan school trips, give inventory lists, do headcounts, and get consent from parents.
  - App built to streamline the process of managing school trips, by having all info in one place, with multiple schools interested in trialling the app.
  - Students have a QR code attached to their student id that can be scanned to mark them for the register.
  - Teachers can place markers on a map that is shown on the students map when logged in as a student on that trip.
  - All data is linked to the trip and only teachers can edit the trip. Guardians can only see the trip details that their children are on.
  - React native allows for cross-platform functionality.
  - Styled with CSS and react native paper components

Northcoders News Frontend [Repository](#)   [Hosted](#)

JavaScript, React, CORS, Vite, React Router
  - A Single-Page application built in React, styled with CSS
  - Full-stack project integrated with our bespoke NC News API for serving the data necessary.
  - UX design considerations were made allowing for a smooth user experience.
  - Accessible tags and considerations were made to allow for a smooth experience for all users.
  - Inspiration from Sky News Website

Northcoders News API [Repository](#)

JavaScript, node, express, PostgreSQL, node-postgres, jest, supertest
- o API built following REST API best practices with CRUD functionality.
- o Integration was extensively tested using Supertest during the whole build process.
- o Endpoints for GET/POST/PATCH/DELETE

Customer Service Advisor   **The AA**   **Sept 2022 – Jun 2023**

- I was on the "Will Joins" team, where I signed up non-members at the roadside using various sales techniques.
- I excelled in effective customer engagement, emphasising communication and empathy. My focus was on converting non-customers into members by building trust and providing clear information.
- My commitment to understanding and meeting customer needs resulted in a positive experience for the customer. This skill directly applies to software development, emphasising clear communication and user-friendly solutions.
- I achieved zero customer complaints and maintained 100% call quality, highlighting my attention to detail.

CEO/Self Employed   **FlowStateUk**   **Aug 2020 – Aug 2022**

- I sourced rare footwear and clothing from trusted suppliers, considering trend analysis.
- Distributed these products through both online platforms and in-person channels. Emphasising clear communication and user-friendly solutions.
- Used various pieces of bespoke computer software for different parts of the business, from sourcing inventory to managing inventory and label creation.

Revenues Assistant   **Flintshire Council**   **Sept 2019 – Aug 2020**

- Undertook various admin tasks at the beginning and slowly picked up responsibility taking on projects. I also had lots of work on the phone, taking calls from customers regarding council tax.

EDUCATION

Extended Level 3 Diploma in Business Studies   **Coleg Cambria**   **Sept 2017 – Sept 2019**
- various modules from event management to management styles and finances of running a business.
- I also completed a Welsh Baccalaureate qualification during my time there.

GCSE Qualifications   **Mold Alun High School**   **July 2015**

Mathematics	English Literature	Welsh Baccalaureate	Geography
ICT	Additional Science	English	History
Welsh	Science		

CERTIFICATIONS

- Udemy Course: "The Complete JavaScript Course 2023: From Zero To Expert!" – by Jonas Schmedtmann. Certificate – pdf
- Graduated Northcoders Software Development Bootcamp in November 2023

INTERESTS

- **Continuous Self Development**: Learning new things has quickly become a favourite hobby of mine as I enjoy being productive and this is a good way to feel productive, this goes hand in hand with some of my hobbies such as learning new Jiu Jitsu techniques, learning new libraries/languages or tools I can use with software development. As well as listening to podcasts or reading articles on the most random topics I can learn small facts about.

- **Gaming**: I've always enjoyed computers and it was born from playing video games for most of my life
- **Woodworking**: Building things is something I've always done, and woodworking is similar to coding in many ways, as there is always something new to learn, new to build or a different way of doing things.