Harry Robinson

Junior Full Stack Developer

Salford, Manchester

LinkedIn | GitHub | hrobinsondev@gmail.com | 07507 763 663 | Portfolio

Profile

I got my first break into software development, when I needed to monitor online stock levels of certain shoes for my reselling business. I knew that code would be the answer to my problems, so I picked up python to create a script that would notify me of stock changes instantly, so I could purchase them before they went out of stock. This proved to be successful and I've been hooked ever since. I then attended Northcoders software development bootcamp after around 8 months of self-learning to formalise my education. Since finishing, I've continued to grow with learning new technologies as well as part-time farming on the family farm.

Technical Skills

Languages	TypeScript, JavaScript, HTML and CSS
Testing	TDD, Jest and supertest
Database	SQL, PSQL, Prisma
Frameworks	Express, React, Tailwind, React Native
Backend	Node
Tools	Git, Postman, Insomnia and Expo GO
CI/CD	GitHub Actions
Other	Json Web Tokens, Hashing, Agile, Scrum and GitHub Actions

Experience

Northcoders

Software Developer   Aug 2023 – Nov 2023

13 week software development bootcamp, which took me from a hobby-ist JavaScript developer to a professional, collaborative full-stack developer, building applications from the ground up.

- I took ownership of many frontend projects, utilising pure html and css, as well as using frameworks such as React for SPA, and React Native for mobile applications.
- I created REST apis, with a focus on scalability and maintainability, using industry standard design patterns, such as MVC, with node using the express framework.
- I performed full integration and unit testing on the API, to build a robust codebase.
- Built upon soft skills such as pair programming, project planning, SCRUM meetings, agile workflow, stand-up meetings and technological communication.

The AA

Customer Service Advisor   Nov 2022 – June 2023

Customer facing role, where I generated sales of the AA's product. With a focus on driving positive customer experience, to produce high customer retention and increase sales.

- Often dealt with high stress situations(broken down on the motorway), and maintained clear communication with customers.
- Performed to a consistently high level throughout my time at the AA, leaving with 100% call quality.
- Managed my time efficiently to ensure phones were covered 100% of the time to work towards team targets.
- Quickly adapted to learning new skills as during a very busy summer period, I was required to join the European breakdown team, which was unexpected but I was able to join that team and still achieve 100% call quality.

Previous to the above I worked on the family farm.

Projects

Job Application Tracker API | [Hosted](#) | [Repo](#)
Typescript, Express, Prisma, JWT, Jest, Supertest
- Created a JWT-based authorisation system to secure routes and verify user credentials.
- Utilised Prisma as the ORM, enhancing database management efficiency.
- Implemented Bcrypt for password encryption, ensuring secure password storage and verification. Adhered to REST principles with appropriate HTTP methods and clear naming conventions leading to greater readability for others who reviewed my code.
- Structured the codebase for scalability, integrating middleware for error handling and using express routers.
- Executed comprehensive **unit and integration tests** on all endpoints, improving robustness and consistency throughout development.
- Established a local test database to optimise performance and reduce costs.
- I integrated **GitHub Actions** for continuous integration and deployment, automating tests and deployment processes with each commit and push. I used Render for hosting which automatically deploys on branch change. (**CI/CD**)

Job Application Tracker FE | Currently Working On | [Repo](#) | [Hosted](#)
TypeScript, React, Tailwind, ShadCN/UI
- The purpose of this app is to help me organise the process of applying for jobs. I can login from anywhere and update the status of my application as soon as I hear back.
- I utilised a popular component library for some of the parts of this website to streamline the development process. I chose shadcn as it does not require dependencies.
- I achieved 100 on all scores through lighthouse.
- I implemented optimistic rendering to improve customer experience, as well as other feedback implementations such as loaders and error elements.

More projects can be found on my [GitHub](#)

Qualifications

Extended Level 3 Diploma in Business Studies   Coleg Cambria   Sept 2017 – Sept 2019

GCSE Qualifications   Mold Alun   High School July 2015
Mathematics, English Literature, Science, English, Geography, Additional Science, History, Welsh, Welsh Baccalaureate.