MATTHEW BERRY

Full-Stack Web Developer

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GitHub | LinkedIn

SUMMARY

As a dedicated full-stack web developer, I am fuelled by a passion for crafting smooth, high quality user experiences. My transition into tech via Northcoders is backed by experience working on a diverse array programming projects, demonstrating adaptability and creativity. Prior roles honed my ability to deliver tailored insights efficiently, working both solo and in a team to meet tight deadlines and strict user requirements, while my active community involvement reflects my commitment to fostering positive, welcoming environments, and considering multiple user perspectives.

SKILLS

Coding
- Languages: JavaScript (Node.js, React, React Native), C# (.NET, Blazor)
- Database Management: PostgreSQL, SQLite, MySQL, MSSQL, API development
- Front-End: HTML, CSS, Lighthouse, Cypress testing
- Hosting: Netlify, Render, Supabase

Project Management
- Agile methodologies, SCRUM, test-driven development, and paired programming methodologies
- Git repository management
- Project progress tools such as Trello and Jira

Other
- Online community management and moderation
- Run an affiliated Twitch livestream channel
- Organising a weekly online movie night for over a dozen people

EXPERIENCE

Freelance Software Developer – Out There Media

September 2024 – Current

View Case Study

My largest client so far, I am working with Out There Media to provide a robust e-commerce platform that allows creators to upload and sell digital comics. This is a full stack project requiring a well-designed database, a sturdy back-end, and a welcoming front-end that's both easy for creators to manage their work via dedicated, custom built dashboards, and for customers to browse, buy, and read the content distributed on the site. The entire project has been built using Typescript, using Next.JS on the front-end, NestJS on the backend, and PostgreSQL for the database.

Volunteer Software Developer – WEEE Charity

February 2024 – May 2024

I volunteered my time to a local e-waste based charity in the Warrington area, where I worked on multiple projects including a full stack request management and tracking system, which had the goal of moving the company from an almost entirely paper-based system to an electronic one, reducing not just paper usage but also the amount of lost/misplaced requests, orders, and items. I also created a guest sign-in/sign-out system to allow for better tracking of volunteers on site and working with other organisations to streamline the reporting process.

Trainee Full Stack Developer – Northcoders

August 2023 – November 2023

I was enrolled in an intensive Northcoders bootcamp, encompassing comprehensive training in both back-end and front-end development. While on the course I alternated between solo sprints and paired programming sessions, where I focused on constructing dynamic web applications. The program covers key languages and frameworks such as HTML, JavaScript, SQL, and React, with an emphasis on test-driven development.

Projects included constructing a server with a thorough and documented API server, a news/bloggings site, and projects that queried public APIs to present the data to the user using UI libraries such as MUI and Nivo Charts.

Projects

[Twitch Shares](#) – A React Native application that utilizes Expo, Superbase, Express.js, websockets, and more to create a fun and dynamic game where users can buy shares in games, with their value determined by its viewership on the game streaming platform Twitch.tv.

[NC News](#) – A React site built using tailwind, NC News is a news platform powered by an Express.js backend and Postgres server, supporting a user registration and log in system.

Freelance Software Developer

Spring 2022 – Summer 2023

During this time, I leveraged the opportunity provided by the Prince's Trust scheme for self-employment. Projects ranged from Discord integrations and verification systems for multimillion-dollar enterprises to community organization tools employing a blend of Postgres, MySQL, React, and C#/Blazor technologies.

MI Analyst - Sainsburys Bank

Winter 2020 – Spring 2022

Demonstrated proficiency in producing tailored analytical reports for stakeholders across multiple departments. Leveraged skills in data analysis, SQL, and VBA to ensure clarity and precision in meeting user requirements and utilized platforms like Microsoft PowerBI and PowerApps for intuitive data presentation.

IT Technician - Sainsburys Bank

Spring 2020 – Autumn 2020

Helped lead the successful implementation of the Work from Home program for Sainsburys Bank and Argos Financial Services, ensuring seamless software and hardware setup for remote employees. Maintained stringent adherence to data protection and COVID-19 health and safety protocols.

EDUCATION

2012-2016	***Teesside University***
	Computer Games Programming
	Graduated with a Diploma of Higher Education

2012-2016	***Priestley College***
	A-Levels

Computing	Physics
Mathematics	General Project
Electronics	

BTEC
IT