

Joe Brown

Junior Software Developer

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An honest, resourceful, and motivated individual, driven by a passion for technology and innovation. Experienced in both frontend and backend development with a strong enthusiasm for backend technologies. Seeking a junior-level role in a DevOps or Software Development setting where I can apply my skills and continue to grow. Committed to establishing myself as a bright prospect with a valuable skill set, I embrace a forward-thinking attitude to excel and contribute to the company's mission. Currently expanding my expertise in cloud computing and DevOps practices by studying for the AWS Certified Cloud Practitioner certification.

Projects

NC News ([Backend](#) / [Frontend](#))

- Backend: **JavaScript, PSQL, PostgreSQL, Express.js, Jest & Supertest.**
- Frontend: **React, Vite, Lottie & Axios.**

Museum Curator ([Repository](#))

- A full stack web application demo, built as a freelance developer.
- Backend: **JavaScript, Express, SQLite, Sequelize, Jest, & Supertest.**
- Frontend: **TypeScript, React, Vite, React Router, Shadcn/ui, TanStack Query, TailwindCSS & Axios.**

Playd ([Repository](#) / [Summary](#))

- An app that connects users to DJ's.
- Built with **TypeScript**. Backend: **Firebase**. Frontend: **React Native & Expo.**

Tier List Creator (Inactive) ([Repository](#))

- An inactive full stack web application which will allow users to create custom tier lists.
- Backend: **Go, Gin, GORM & SQLite**. Frontend: **TypeScript, React, Vite & Mantine.**

Portfolio Website ([Repository](#))

- Frontend: **TypeScript, React, Vite, TailwindCSS, Mantine & React Hot Toast.**

Technical Skills

Languages & Libraries:

JavaScript, TypeScript, Go, SQL, PSQL, Node.js, React, Express, Sequelize, Vite, Jest, Supertest, Tailwind CSS, HTML, CSS, React Hot Toast, Gin, GORM, React Router, TanStack Query, Axios, Mantine, Shadcn/ui

Tools & Infrastructure:

Git, GitHub, AWS (S3, EC2, IAM), Docker, Docker Compose, GitHub Actions (CI/CD), Firebase, PostgreSQL, SQLite, GitHub Pages, Netlify, Supabase, Render, Test Driven Development (TDD), Agile

Professional Experience

Freelance Developer – Self-Employed

Jan 2025 –

- Quoting and developing websites from scratch, focusing on responsive and visually appealing designs.
- Collaborated with clients to understand requirements, follow specifications, and implement feedback.
- Translated project requirements into structured tasks, following tickets and development workflows.
- Delivered optimised, accessible, and high-performance web solutions across devices.

Trainee Software Developer – Northcoders Software Development

July 2024 – October 2024

- Software Development Bootcamp in JavaScript which covers a mixture of backend and frontend with a focus on building web applications.
- Strong emphasis on Test Driven Development (TDD), with experience in paired programming.
- Exploring the fundamentals and best practices of JavaScript.

Work Experience

Parts Supervisor - Group 1 Skoda/Seat/Cupra Southend

December 2021 – June 2024

- Conducting daily & monthly stock checks (dailies & Top 100's).
- Overseeing an inventory value of £60,000 to £100,000 in parts and lubricants.
- Management accounts. Reading and analysing the daily data to form an action plan.
- Selected to shadow the internal parts auditor at multiple sites, supervising full stock checks due to my strong stock control performance.
- Assisting in biannual full stock checks, my previous results include:
 - September 2022 producing a **1.14%** error rate (**0.14%** if low-value parts are eliminated) and a **£25.00 gain**.
 - February 2023 producing a **0.53%** error rate (**0.00%** if low-value parts are eliminated) and a **£15.91 loss**.
 - September 2023 producing a **0.00%** error rate. **The first Group 1 UK stock check with zero variances.**
 - March 2024 producing a **0.21%** error rate.

Education / Certifications

AWS Certified Cloud Practitioner

Foundational

April 2025 –

In Progress

Northcoders Software Development Bootcamp (Full-Time)

Full-Stack Developer

July 2024 – October 2024

Completed

South Essex College

AAT Level 2 – Foundation Certificate in Accounting:

September 2020 – July 2021

Distinction (95%)