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 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 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 (Work in Progress) ([Repository](#))
- A work in progress 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), Firebase, PostgreSQL, SQLite, GitHub Pages, Netlify, Supabase, Render, TDD (Test Driven Development), Paired Programming, 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 optimized, 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   Feb 2025 –
Foundational   **In Progress**

Northcoders Software Development Bootcamp (Full-Time)   July 2024 – October 2024
Full-Stack Developer   **Completed**

South Essex College   September 2020 – July 2021
AAT Level 2 – Foundation Certificate in Accounting: **Distinction (95%)**