Joe Brown

Junior Software Developer

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An honest, resourceful, and motivated individual. Transitioning from the automotive industry with a strong desire to grow within the software development industry. Driven by a passion for technology and innovation. Looking for a junior-level role within a software development setting. Determined to establish myself as a bright prospect with a valuable skillset and to adopt a forward-thinking attitude to excel and further the mission of the company.

Projects

NC News ([Backend](#) / [Frontend](#))
- API built using **JavaScript, PSQL, PostgreSQL & Express.js**. Frontend using **React, Vite, Lottie & Axios**.
- Tested using TDD with **Jest & Supertest**.

Meteorite Tracking Map ([Repository](#))
- Frontend using **JavaScript**, **React, Leaflet, Vite & Axios**.

Playd ([Repository](#) / [Summary](#))
- An app that connects users to DJ's.
- Build with **TypeScript**. Backend using **Firebase**. Frontend using **React Native & Expo**.

Tier List Creator (Work in Progress) ([Repository](#))
- A work in progress full stack web app which will allow users to create custom tier lists.
- Backend built with **Go, Gin, GORM & SQLite.** Frontend using **TypeScript, React, Vite & Mantine**.

Portfolio Website ([Repository](#))
- Frontend using **TypeScript, React, Vite, TailwindCSS & React Hot Toast**.

Technical Skills

Languages & Libraries:
JavaScript, TypeScript, Go, SQL, PSQL, Node.js, React, Express, Vite, Jest, Supertest, Leaflet, Tailwind CSS, HTML, CSS, React Hot Toast

Tools & Infrastructure:
Git, GitHub, Firebase, PostgreSQL, SQLite, Netlify, Supabase, Render, TDD (Test Driven Development), Paired Programming, Agile

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Professional Experience

Trainee Software Developer – Northcoders Software Development   July 2024 – October 2024
- Software Development Bootcamp in JavaScript which covers a mixture of back end and front end with a focus on building web applications.
- Strong emphasis on Test Driven Development (TDD), with extensive experience in paired programming.
- Exploring the fundamentals and best practices of JavaScript.
- Consolidating all the built-up knowledge into three projects throughout the bootcamp.

Work Experience

Parts Supervisor - Group 1 Skoda/Seat/Cupra Southend   December 2021 – June 2024
- Conducting daily & monthly stock checks (dailies & Top 100's). Any variances are investigated, and an adjustment is made if necessary.
- Overseeing an inventory value of £60,000 to £100,000 in parts and lubricants.
- Sourcing parts for retail, internal and trade customers. Internal parts include Skoda, Seat and Cupra.
- 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

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%)**

Chase High School   2009 – 2014
6x GCSE/BTEC's   **A* - C including Maths, English, Games Development & Design & Technology**