

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 full-stack development and cloud infrastructure. Seeking a junior DevOps or Software Development role to apply my skills and accelerate my growth. Committed to building a strong skill set and contributing effectively, approaching challenges with a forward-thinking mindset to help advance the company's goals.

Technical Skills

Languages & Libraries:

JavaScript, TypeScript, C#, .NET, ASP.NET Core, Entity Framework, Bicep, SQL, PSQL, KQL (Kusto), YAML, JSON, Node.js, React, Express, Sequelize, Vite, Jest, Supertest, Tailwind CSS, HTML, CSS, Gin, GORM, React Router, TanStack Query, Axios, Mantine, Shadcn/ui, React Hot Toast

Tools & Infrastructure:

Git, GitHub, Azure, Azure DevOps, AWS (S3, EC2, IAM), PowerShell & Bash Scripting, Azure CLI, Application Insights, Kubernetes, Docker, Docker Compose, GitHub Actions, CI/CD Pipelines, NPM, NuGet, Firebase, PostgreSQL, SQLite, GitHub Pages, Netlify, Supabase, Render, Test Driven Development (TDD), Confluence, Jira, Agile, MACH Architecture

Professional Experience

Junior DevOps and Software Engineer – Parkdean Resorts UK

May 2025 – Current

- Configured and monitored managed Kubernetes clusters in Azure.
- Built and maintained multi-environment Application Insights dashboards using KQL.
- Contributed to the maintenance of Azure DevOps pipelines, with a goal to become more standardised.
- Created documentation and runbooks for key management and maintenance tasks.
- Managed secrets and configuration securely using Azure Key Vault.
- Maintained Infrastructure as Code (IaC) with Bicep templates to provision and manage Azure resources.
- Supported deployment, development and monitoring of Azure Function Apps developed in C#.

Freelance Developer – Self-Employed

Jan 2025 – May 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.

Parts Supervisor - Group 1 Skoda/Seat/Cupra Southend

December 2021 – June 2024

- Overseeing an inventory value of £60,000 to £100,000 in parts and lubricants.
 - 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.
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Education / Certifications**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%)**Projects****Museum Curator ([Repository](#))**Backend: **JavaScript, Express, SQLite, Sequelize, Jest, & Supertest.**Frontend: **TypeScript, React, Vite, React Router, Shadcn/ui, TanStack Query, TailwindCSS & Axios.**

- Freelance internal use MVP created for a company to highlight curated digital collections.
- Engineered an Express backend with Sequelize, supporting CRUD operations, and RESTful endpoints.
- Designed a responsive and accessible UI using TailwindCSS and Shadcn/ui. Utilised TanStack Query for efficient data fetching, caching, and background updates.

Tier List Creator (Inactive) ([Repository](#))Backend: **Go, Gin, GORM & SQLite.**Frontend: **TypeScript, React, Vite & Mantine.**

- Developed a backend REST API from scratch in Go, gaining experience with Go modules, Gin routing, and database integration using GORM. Whilst also experimenting with user authentication using Discord OAuth2.

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

- Focused on clear design, accessibility, and maintainability, using modern tooling and component libraries for clean visual presentation.

NC News ([Backend](#) / [Frontend](#))Backend: **JavaScript, PSQL, PostgreSQL, Express.js, Jest & Supertest.**Frontend: **React, Vite, Lottie & Axios.**

- Designed and implemented a RESTful API using Express and PostgreSQL, with comprehensive test coverage using Jest and Supertest. Created a dynamic frontend with React to consume and display content.
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