

Joe Brown

Junior Platform & DevOps Engineer

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An honest, resourceful, and motivated technology professional with a foundational background in software development, experienced across frontend, backend, and cloud technologies. Currently working as a Junior Platform & DevOps Engineer, applying my skills in real world scenarios. Open to Software Development, DevOps, and Platform Engineer roles. Committed to contributing effectively, approaching challenges with a forward-thinking mindset, and continuously expanding my knowledge through ongoing learning and certifications to help advance the company's goals.

Technical Skills

- **Languages:**
JavaScript, TypeScript, C#, SQL, PSQL, KQL (Kusto), YAML, JSON, Bicep, HTML, CSS
 - **Frameworks & Libraries:**
.NET, ASP.NET Core, Entity Framework, Node.js, Express, React, Angular, Sequelize, Vite, xUnit, Jest, Supertest, Tailwind CSS, DaisyUI, React Router, TanStack Query, Axios, Mantine, Shadcn/UI
 - **Tools & Practices:**
Git, GitHub, GitHub Pages, NPM, NuGet, PostgreSQL, SQLite, Confluence, Jira, Agile, TDD (Test Driven Development), MACH Architecture
 - **Cloud & Infrastructure:**
Azure, Azure DevOps, AWS (S3, EC2, IAM), GitHub Actions, Docker, Kubernetes, CI/CD Pipelines, PowerShell, Bash, Azure CLI, Application Insights, Azure Managed Grafana, Supabase, Render, Netlify
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Education / Certifications

Northcoders Software Development Bootcamp (Full-Time)
Full-Stack Developer

July 2024 – October 2024
Completed

Planned Certifications & Pathways:

- **Azure:**
AZ-204 - Azure Developer, AZ-104 - Azure Administrator, AZ-400 - Azure DevOps Engineer Expert
 - **Linux Foundation:**
Kubernetes and Cloud Native Associate (KCNA), Certified Kubernetes Applications Developer (CKAD)
 - **HashiCorp:**
Terraform Associate
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Professional Experience

Junior Platform & DevOps 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 and Azure Managed Grafana.
- Contributed to the maintenance of Azure DevOps pipelines, with a goal to become more standardised.
- 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

- 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.
- 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.

Projects

Museum Curator ([Repository](#))

Backend: **JavaScript, Express, SQLite, Sequelize, Jest, & Supertest**.

Frontend: **TypeScript, React, Vite, React Router, Shadcn/ui, TanStack Query, Tailwind CSS, & Axios**.

- Developed a web app to display curated digital collections with full CRUD functionality.

Dating App (Inactive) ([Repository](#))

Backend: **C#, ASP.NET Core, Entity Framework, & SQLite**.

Frontend: **TypeScript, Angular, Tailwind CSS, & DaisyUI**.

- Built via a tutorial to practice and experiment with a .NET backend and Angular frontend integration.

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

Backend: **Go, Gin, GORM, & SQLite**.

Frontend: **TypeScript, React, Vite, & Mantine**.

- Created a REST API and frontend to experiment with Go backend development.

Portfolio Website ([Repository](#))

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

- Designed and implemented a personal portfolio to highlight projects and skills.

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

Backend: **JavaScript, PSQL, PostgreSQL, Express.js, Jest, & Supertest**.

Frontend: **React, Vite, Lottie, & Axios**.

- Built a full stack news platform with REST API, dynamic frontend, and comprehensive test coverage.