

James Middleton

Nottingham, UK | james@midz.dev | 07512 253451 | linkedin:midzdotdev | github:midzdotdev

Applications Engineer, DevOps enthusiast and TypeScript wizard. A full-stack developer equipped with a growth mindset and a personable demeanor. Seeking a new opportunity to deliver reliable, intuitive systems.

Experience

Software Engineer, Low6 – Remote Dec 2024 – Present

Tech: React, NodeJS, Fastify, MSSQL, PostgreSQL, GitHub Actions, OpenTofu, Azure

- Scaled BBC Champions League Squares to serve 50,000+ users per minute using stored procedures and Redis
- Simplified frontend builds by implicitly loading environment variables from GitHub deployment environments
- Used OpenTofu to manage Azure infrastructure for greenfield and brownfield projects

Software Engineer, IMG ARENA – Remote Nov 2021 – Jul 2024

Tech: React, GraphQL, Cypress, RxJS, NodeJS, GitHub Actions, Kubernetes, Terraform, AWS

- Co-architected the department's monorepo to improve code sharing and cross-team collaboration
- Worked within a team to extend Golf to support DP World Tour and LPGA
- Enhanced white-label theming approach on Golf, enabling a partnership with FanDuel while maintaining backwards compatibility for 70+ existing client themes
- Deployed a CSP for 4 frontends to mitigate XSS threats, iterating on violations reported to DataDog

Software Engineer (Contractor), Scrolller – Remote Jun 2021 – Sep 2021

Tech: React, MobX, GraphQL, Kotlin, GitHub, GCP

- Boosted new subscription revenue by 30% through strategic UI improvements
- Collaborated in a startup environment to grow revenue and reach

Junior Software Developer, Community Brands UK – Remote Dec 2020 – Jun 2021

Tech: React, C#.NET, Pascal, Microsoft SQL Server, Azure Cosmos DB

- Created a system health-check dashboard using React, C#.NET and Azure Cosmos DB
- Developed SQL scripts to ingest school data with a normalised schema
- Maintained the school data sync engine, "Xporter", in Pascal and C#

Solutions Engineer (Contractor), ProVQ – Shrewsbury, UK Jan 2019 – Apr 2019

Tech: VueJS, BootstrapVue, NodeJS, FeathersJS, MongoDB, PM2, VPS

- Designed and developed an apprentice screening platform, replacing an expensive paper-based process
- Exposed an admin portal to modify assessments, view applicant details and interpret testing effectiveness
- Achieved, at peak, a 500% increase in processed applications and 150% increase in successful applicants

Education

Loughborough University, Computer Science BSc (Hons) Oct 2016 – Jul 2020

- Rewarded Diploma in Professional Studies (DPS) for the successful ProVQ project
- Mentored peers for coursework and coding in Python, Java, JavaScript and PHP

Projects

Sykes Cottages Owner Calendar github:midzdotdev/sykes-owner-calendar

- Developed an iCal server for Sykes Cottages owners to view their property bookings
- Authenticated and scraped data using Cheerio, deployed to Vercel serverless functions