

James Middleton

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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	
<ul style="list-style-type: none">Scaled BBC Champions League Squares to serve 50,000+ users per minute using stored procedures and RedisSimplified frontend builds by implicitly loading environment variables from GitHub deployment environmentsUsed 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	
<ul style="list-style-type: none">Co-architected the department's monorepo to improve code sharing and cross-team collaborationWorked within a team to extend Golf to support DP World Tour and LPGAEnhanced white-label theming approach on Golf, enabling a partnership with FanDuel while maintaining backwards compatibility for 70+ existing client themesDeployed a CSP for 4 frontends to mitigate XSS threats, iterating on violations reported to DataDog	
Software Engineer (Contractor) , Scroller – Remote	Jun 2021 – Sep 2021
Tech: React, MobX, GraphQL, Kotlin, GitHub, GCP	
<ul style="list-style-type: none">Boosted new subscription revenue by 30% through strategic UI improvementsCollaborated 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	
<ul style="list-style-type: none">Created a system health-check dashboard using React, C#.NET and Azure Cosmos DBDeveloped SQL scripts to ingest school data with a normalised schemaMaintained 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	
<ul style="list-style-type: none">Designed and developed an apprentice screening platform, replacing an expensive paper-based processExposed an admin portal to modify assessments, view applicant details and interpret testing effectivenessAchieved, 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
<ul style="list-style-type: none">Rewarded Diploma in Professional Studies (DPS) for the successful ProVQ projectMentored peers for courseworks and coding in Python, Java, JavaScript and PHP	

Projects

Sykes Cottages Owner Calendar	github:midzdotdev/sykes-owner-calendar
<ul style="list-style-type: none">Developed an iCal server for Sykes Cottages owners to view their property bookingsAuthenticated and scraped data using Cheerio, deployed to Vercel serverless functions	