Leatherhead, United Kingdom
james7minton@gmail.com

James Minton

linkedin.com/in/james-minton
github.com/jminton7
jamesminton.dev

Full Stack Lead Software Engineer with 10+ years' experience delivering scalable, high-performance web applications. Proven record of leading cross-functional teams, driving architecture modernization, and delivering enterprise-scale features that generate millions in revenue. Passionate about solving complex problems, optimizing performance, and mentoring engineers to reach their full potential.

Technologies and Languages

Languages

C# (.NET 4.5–9), JavaScript, TypeScript, HTML, CSS, GoLang

Frontend

React.js 18, Next.js 15, TanStack Query, Axios, Shadcn, Tailwind CSS, Razor Forms

Backend & APIs

ASP.NET MVC, Azure Functions, Temporal.io, REST APIs, Postman, Entity Framework (database-first & code-first), SQL Server Management Studio, MySQL, Postgres, IIS

DevOps & Cloud

Azure, Kubernetes, Docker, Pulumi, GitHub Actions, Bitbucket Pipelines

Databases

SQL Server, MySQL, Postgres

Testing

XUnit, Testify

Work Experience

Full Stack Lead Software Engineer   **Bytes Software Services**   **Apr 2022–Present**
Leatherhead, United Kingdom

- Currently leading a team of 5 engineers, both Frontend and Backend, through the transition from a modular monolith to modern microservices, including porting over existing React.js code into Next.js into the atomic architecture and the upgrade from .NET 4.5 to .NET 9
- Designed, oversaw and implemented the migration from Razor Forms to React.js, leveraging modern frameworks like TanStack Query and Tailwind CSS.
- Spearheaded the implementation of large-scale company-wide features,
    - White labeling, allowing our external resellers the ability to customize the look of the site for their customers to make it look and feel more like their own site.
    - Theming, allowing external users the ability to change the site's theme.
    - Third-party offers, integration with Microsoft's SaaS API to allow the purchase of Third-Party Offers offered through Microsoft.
    - Multi-service syncing, using both Azure Functions and Temporal.io to manage and keep up to date 200000 subscription records, with full auditing.
    - A user feedback system, by integrating with Hotjar, a website heatmap and behavioral tool.
- Led the first-ever exposure of internal APIs externally, implementing comprehensive security measures and robust markdown-based API documentation.
- Integrated Adobe, our second-largest supplier, into our existing marketplace by collaborating with Adobe's global team and integrating their REST APIs while still in BETA.
- Migrated the company's Entity Framework approach from database-first to code-first, introducing a structured migration process.

Full Stack Software Engineer   **Bytes Software Services**   **2016–2022**
Leatherhead, United Kingdom

- Pioneered the initial Razor Forms frontend (jQuery + JavaScript) and ASP.NET MVC backend for Microsoft CSP integration, now driving approximately £15 million in monthly revenue.
- Designed and implemented a backend API for Microsoft CSP, including comprehensive filtering and pagination capabilities.
- Built and maintained over 20 managed SDKs and REST APIs for Microsoft CSP, covering everything from customer creation to checkout.
- Engineered the company's first Next.js-based analytics platform, integrating Power BI with a fully automated CI/CD pipeline.

Full Stack Junior Software Engineer   **Cranswick Computing**   **2014–2016**
Lonehill, South Africa

- Designed, implemented, and deployed complete C# WinForms and Crystal Reports systems for warehouse management clients.
- Delivered fully documented and production-ready software, improving operational workflows.

Leadership and Mentorship

- Lead a cross-functional team of five developers (frontend + backend), setting technical direction, enforcing coding standards, and reviewing code for quality.
- Mentor junior developers through regular 1:1s, career planning, and skill-building initiatives.
- Foster a positive team culture through open communication, empowerment, and continuous learning.

Education and Certifications

- **Higher Certificate in Information Technology,** CTI Randburg, South Africa.   **2013–2014**

Interests

- Playing squash, trading card games, Japanese language studies