Joseph Alexander

Software Engineer @ SSY
London, UK

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PROFILE

I consider myself a highly focused team player with excellent interpersonal skills. I am both adaptable and resilient to pressure whilst being able to meet deadlines and prioritise my work streams, which enables me to realise my work and personal ambitions.

I have extensive experience in modern web development and software engineering, specialising in building robust enterprise applications using C#/.NET and JavaScript frameworks. My expertise includes architecting scalable solutions, implementing responsive user interfaces, and developing microservices for mission-critical platforms. I excel at translating complex business requirements into efficient technical solutions while maintaining high standards of code quality and performance.

My experiences thus far have allowed me to rise to challenges, deliver to deadlines and I welcome the opportunity to further my experience.

KEY SKILLS

Languages	Tools
JavaScript (React.JS, NodeJS)	Microsoft Azure
Graph/REST APIs	Git/Git CLI
SQL/T-SQL (various)	GitHub Actions
HTML / CSS / Vanilla JS	AWS Serverless
Python	IMAP/SMTP (and derivatives)
Java	Active Directory/Azure AD
Scripting (Powershell, Batch, Bash)	Docker
C#/.NET (Blazor)	Linux, Networking

EXPERIENCE

Aug 2023 – Present   **Web Developer / Software Engineer, SSY**

As a key member of SSY's engineering team, I help drive innovation and architectural decisions for mission-critical information platforms serving the global shipping industry. My team and I spearhead the development of sophisticated web solutions that combine cutting-edge technology with intuitive user experiences, resulting in enhanced client satisfaction and operational efficiency.

Key achievements:

- Played a crucial role in modernising SSY's *Navigator* platform by implementing a robust C# Blazor solution, which significantly enhanced user engagement and system performance. Successfully migrated the application to include a mobile-friendly PWA version.

- Engineered and deployed a high-performance microservice-based PDF rendering engine and custom reporting tool, streamlining document management and enhancing client analytics capabilities.

- Fostered strong partnerships with stakeholders to develop and implement tailored solutions that address complex business requirements and drive operational excellence.

- Mentored new team members and provided technical guidance to support their professional development.

Aug 2021 – Aug 2023   **Data Services Engineer, MasterControl**

My role involved working closely with customers to integrate their systems with the MasterControl ecosystem. I also worked on strategic internal development projects to accelerate productivity within the team, primarily involving automation of manual tasks. I promoted and trained the use of GitHub within the team for a centralized repository of scripts.

Key achievements:

- Worked on customer migrations: extracting, transforming, and loading data into MasterControl.

- Delivered end-of-license data extractions for customers.

- Frequently met with customers to assess project viability and best practices.

- Utilized T-SQL, Node.js, Java, .NET, and Python for various tasks.

Jul 2019 – Apr 2021   **Front of House Staff, Farmer, Butcher, Chef: Goodwood Hotel**

Aug 2016 – Oct 2018   **IT Specialist / Helpdesk Consultant, Hi-Level Mezzanines**

EDUCATION

2018 – 2021   **BSc Hons: Computer Science, University of Portsmouth**

Graduated with First Class Honours.

2016 – 2018   **A-Levels, Alton College**

Subjects: English Language, Geography, History.

2012 – 2016   **GCSEs, Seaford College**

8 GCSEs A*-C including English, Maths, and Science.

HOBBIES

- Track Days: Enjoy tracks all over the UK and Europe.

- Enjoy horse riding and walking my dog

- Working out to improve fitness and refine techniques.

- Travelling to new and exciting places.

OTHER SKILLS

- Proficient in database management and SQL.

- Experience with Microsoft Intune

- Tinkerer: I enjoy working with Raspberry Pis and Arduinos to create small projects.

- Familiarity with serverless architecture and microservices.

- Exposure to AI/ML/LLMs

- Understanding of Ansible

REFERENCES

Available upon request.