

# SAMUEL PEARSALL

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## CONTACT

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## KEY SKILLS

- C#
- Visual Studio/Rider
- Blazor
- Git
- ASP.NET CORE
- Azure DevOps
- Entity Framework
- React
- GitHub
- CI/CD
- SQL/MongoDB

## OTHER INTERESTS

- Gaming
- Football
- Programming
- Socialising

References Available Upon Request.



## PROFILE

I am a highly motivated, self driven senior software developer looking for their next challenge. I have vast experience with .NET, using everything from Entity Framework to Blazor on a daily basis. I am passionate about my work, always striving to create innovative and user friendly applications, and learn new skills. My expertise centers around building web front ends using Blazor, ensuring rich, intuitive and consistent user experiences that integrate seamlessly with REST APIs.

## EXPERIENCE

### Freelance Software Developer

Sept 2018 to Present

I recently took some time to work on my own projects, and some projects for local small businesses. This is something I have always done outside of my full time role, and has been a great opportunity to enhance my skills, particularly in Blazor. I have spent the last few months creating a full stack application, using Telerik and Tailwind to build a custom UI, and experimenting with GitHub Actions for CI/CD. I also created my own portfolio site, in order to learn more css skills, using pico css and custom styles to make my site feel Unique. There are further details in the "Other Experience" section of this document.

### Senior Software Engineer, Eurofins Forensic Services

Aug 2020 to Aug 2025

Returning to Eurofins, I initially worked on a new project using .NET Core. My role in the team enabled me to work on all aspects of the project, including requirement gathering, setting up CI builds and CD release pipelines in Azure DevOps, designing a user friendly Blazor WASM front end, and database design using EntityFramework Core as an ORM to our SQL database.

I very quickly became the team technical front end lead, due to my passion for great user experiences, and my ability to quickly gain expertise in Blazor. I championed the integration of a third party component Library, MudBlazor, which enabled the rest of the .NET team to build a consistent, user friendly front end at a high standard, with a short learning curve.

I then moved to another Eurofins development team in Riga, Latvia, working on a new greenfield project, built using React, SignalR, MongoDB and RabbitMQ, and have been able to quickly acquire expertise in an entirely new tech stack. Here I advocated for high test coverage, ensuring the quality of our code base was as high as possible.

As a trusted member of the team, I visited our user base in the Netherlands to lead workshops, gather requirements and assist the Project Manager in building a deliverable roadmap, using my knowledge and experience of the UK forensic products to find overlap between systems and limit duplication of effort.

I also completed a Line Management course during my time at Eurofins, giving me the skills and resources to effectively and fairly manage other members of the team.

### Software Developer, Jaama

May 2019 to Jul 2020

In my role at Jaama, I was part of the web development team. I worked on a new to market product centred around taking the pain out of vehicle maintenance management

for company fleets. The majority of my time was spent creating new API endpoints and writing automated tests for them, as well as integrating into the KnockoutJS web UI.

### **Software Engineer, Eurofins Forensic Services**

**Nov 2016 to May 2019**

During my first tenure at Eurofins, my time was spent developing a new version of an existing ASP.NET web application. This involved using Entity Framework as our ORM, NUnit as our unit testing framework, and jQuery as our front end javascript framework alongside the Razor view engine.

### **Junior Developer, eTech Solutions**

**Aug 2014 to Nov 2016**

As my first job in the industry, my time at eTech was spent shadowing Senior members of the team and learning as much as possible about software development. During my employment, I attended college to learn the fundamentals of .NET, Web Development and SQL databases.

### **OTHER EXPERIENCE/SIDE PROJECTS**

During my free time, I often pick up small side projects for either friends and family or my own ideas. Over the years I have built various web applications, including small static websites for a small wedding photography company, a transport and haulage company, and a wedding RSVP side using HTML, CSS and JavaScript.

I also built a fully custom content submission and management system for a leading UK social media firm, using a SQL database, Azure Blob Storage and ASP.NET Core. This app allowed the firm to receive media uploads from their followers, take ownership, and manage the lifecycle of the content, from accepting the submission, to having internal discussions, tracking license agreements when allowing other social media firms to use the content, and scheduling the content into their upload calendar to various social media platforms. The application integrated into their existing Auth0 Authentication instance, and also allowed for the export of user data to use in their marketing campaigns. Over 30,000 unique pieces of media have been uploaded to date.

At the moment, I am building a multi-tier application in my spare time, using MongoDB for data storage, exposed over a .NET Core RESTful API, authenticated by a custom Identity Server package, and using both a Blazor WASM web front end, and an iOS native application written in Swift. This application is used primarily to learn new skills, keep up to date with libraries and framework updates that I don't always use in my full time role, and experiment with alternative tooling, such as GitHub Actions, and MongoDB Atlas. For this project, I have fully automated my CI/CD pipelines, allowing 1 click deployments to dev and production Environments, for every layer, from Database, API, web UI, and automated testing.

### **EDUCATION**

**Microsoft**

Microsoft Certified Professional: Web Applications

**QA Apprenticeships**

City & Guilds Level 3: ICT Professional Competence & ICT Systems and Principles

**Landau Forte Academy Tamworth Sixth Form**

AS Level: ICT, Computing, Economics and English Literature

**Wilnecote High School**

GCSE: ICT, English, Maths, Physics, Biology, Chemistry and French