

# Jamie Everett

Software Engineering Manager



Bristol, UK



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Senior .NET engineer with 5+ years of experience designing robust desktop and cloud applications.

Skilled in architecting distributed systems, including offline-first solutions with complex data synchronisation. Currently in a management role but seeking to return to hands-on engineering with modern tooling including AI.



## Core Skills

- C# and .NET (Core, Framework, MAUI)
- Blazor (Server, WebAssembly, Hybrid)
- Azure (SQL, App Services, DevOps, CI/CD)
- SQL Server, Entity Framework, SignalR
- System architecture and API design
- Testing (xUnit, TDD, automated frameworks)
- AI-assisted development (Copilot, Claude)
- Team leadership and mentoring

## Work Experience

Nov 2023 – Present · Bristol, UK

### Software Engineer → Senior SE → Engineering Manager – *Inductosense*

Developing ultrasonic NDT monitoring software for the oil and gas industry, serving 100+ enterprise customers worldwide.

#### Software Engineering Manager (Feb 2025 – Present)

Promoted through team election, demonstrating peer recognition of technical and leadership capabilities.

- Implemented code review processes and development standards, enhancing quality while maintaining delivery velocity.
- Created project roadmaps across multiple products, improving visibility and resource planning for stakeholders.
- Established 1:1 feedback sessions and technical mentoring programmes to support team development.

#### Senior Software Engineer (Sept 2024 – Feb 2025)

- Led architecture and development of iDART2, the next-generation platform built with .NET MAUI Blazor Hybrid for cross-platform deployment.
- Designed offline-first architecture with dual synchronisation: device-to-local (USB/Bluetooth) and local-to-cloud (SQL Express to Azure SQL via SignalR).
- Built enterprise installer handling complex install/uninstall workflows and dependency management.
- Drove adoption of unit testing with xUnit, ensuring coverage for critical code paths and reducing regression issues.
- Optimised Azure infrastructure, achieving ~£1,000/month cost reduction through elastic pool implementation.

#### Software Engineer (Nov 2023 – Sept 2024)

- Developed features across desktop and cloud applications using .NET, Blazor, and Entity Framework.
- Contributed to database synchronisation systems handling data flow between field devices and Azure cloud.

Technologies: C#, .NET 8, MAUI Blazor Hybrid, Azure SQL, SignalR, Entity Framework, xUnit

Nov 2020 – Nov 2023 · Bristol, UK

### Graduate SE → Software Engineer – *Malvern Panalytical*

International leader in scientific instrumentation producing Windows-based .NET desktop applications.

- Developed and maintained .NET desktop applications, implementing new features and resolving technical issues across multiple codebases.
- Established CI/CD infrastructure on Azure DevOps across multiple teams, including build agent setup and comprehensive documentation.
- Designed and implemented automated testing frameworks, reducing regression issues and improving release confidence.
- Led procurement and installation of specialised XRF equipment; served as Radiation Protection Supervisor for the Bristol office.

Technologies: C#, .NET Framework, Azure DevOps, WPF, NUnit

*Jun 2018 – Jun 2019 · Bath, UK*

### **Software Developer (Industrial Placement) – *BMT***

*Year-long placement at a world-leading defence consultancy, rotating across teams for full-stack experience.*

- Upgraded legacy C# application for GDPR and ISO 27001 compliance, implementing encryption and secure authentication.
- Developed SQL scripts for Ministry of Defence data restructuring project, liaising directly with MOD stakeholders.
- Prototyped blockchain solution within one month, presenting findings to development leadership.
- Provided first-line customer support via ticketing system and phone alongside development responsibilities.

## **Education**

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*2016 – 2020*

### **BSc (Hons.) Computing – First Class Honours**

*University of Plymouth · Certificate of Professional Industrial Experience*

Notable modules: Database Analysis & Design (88%), Distributed Applications (82%), Software Project Management (77%)

## **Projects**

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**Upvent** – Event management system (Final Year Project)

MERN stack application with REST API, user authentication, and MongoDB Atlas. CI/CD via Azure DevOps and Heroku. Agile managed with 14 weekly sprints.

**Portfolio:** [jamieeverett.co.uk](http://jamieeverett.co.uk) (personal site)

Tech Stack: React, Gatsby 5, GraphQL, SEO. Deployed via Netlify with automated CI/CD