

Sam Jones

Senior Software Engineer

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London, UK — Open to remote.

Senior Software Engineer with 12+ years of experience building scalable .NET microservices and Azure cloud platforms. Track record of delivering high-performance APIs and data pipelines, mentoring teams, and improving delivery through test-first practices and automated CI/CD.

Core Technical Expertise

Primary Stack: C#, .NET Core, .NET 8, Web API

Secondary Stack: Python, JavaScript, React

Testing Excellence: TDD, BDD, Unit Testing, Integration Testing, End-to-End Testing, Performance Testing

Architecture & Patterns: Domain-Driven Design (DDD), CQRS, Microservices, SOLID Principles

Databases: SQL Server, Azure Cosmos DB, PostgreSQL, MongoDB (NoSQL)

Cloud & DevOps: Microsoft Azure, Azure API Management, Docker, Kubernetes, CI/CD, Continuous Delivery, Build Automation, IaC with Terraform and GitHub Actions

Messaging & Queues: Azure Service Bus & Storage Queues

Development Practices: Agile/Scrum, Code Reviews, API Management, Git, Jira, Azure DevOps Boards

Professional Experience

Senior .NET Software Engineer / Senior Manager @ Capgemini

Feb 2021 - Present

Leading development of event-driven systems and high-scale APIs, primarily in the automotive sector developing car leasing systems.

- Architect and build a scalable TCO calculator processing >10,000 vehicles using Web API, Azure Functions, Service Bus and Cosmos DB, enabling fleet managers to analyze costs and CO2 emissions across makes/models and reducing analysis time from hours to minutes.
- Build automated vehicle data ingestion tooling to validate and import manufacturer data from multiple formats (CSV, Parquet) into centralized catalog databases, supporting real-time front-end vehicle selection and comparison features.
- Design and develop scalable APIs and microservices using .NET Web API and Azure Functions for hyper-scale environments.

- Champion a test-first development approach, implementing comprehensive testing strategies including TDD, integration testing, end-to-end testing, and performance testing.
- Mentor and coach junior developers, ensuring delivery of high-quality, maintainable code following best practices.
- Deploy applications using robust CI/CD pipelines with Azure DevOps and GitLab, enabling continuous delivery.
- Manage the microservices ecosystem using Azure API Management and Kubernetes orchestration.
- Collaborate with cross-functional teams to understand business requirements and model domain logic.
- Conduct code reviews and provide feedback while improving processes and coding standards.

Technologies: C#, .NET Core, .NET 8, Web API, Azure Functions, Azure, SQL Server, Entity Framework (EF Core), PostgreSQL, Azure Cosmos DB, Kubernetes, Docker, Azure DevOps, GitLab

.NET Software Engineer @ Codehouse

Sep 2018 - Feb 2021

Developed customer-facing e-commerce applications for major retail brands, focusing on user experience and business growth. Built solutions that **improved customer efficiency and customer satisfaction**.

- Developed high-traffic customer-facing websites using ASP.NET MVC and .NET Core.
- Built account management features for trade customers at **Howdens.com**, integrating with third-party payment APIs to improve customer experience.
- Implemented agile development processes using Kanban methodology within cross-functional teams.
- Developed responsive web applications using modern JavaScript frameworks and Sitecore CMS.
- Contributed to CI/CD pipelines using TeamCity and Octopus Deploy to automate build and release processes.

Technologies: C#, .NET Framework, MVC, .NET Core 3.1, Azure, Sitecore, Octopus Deploy, TeamCity

Senior .NET Software Engineer @ Aqueduct

Jun 2017 - Sep 2018

Led development of premium sports websites, focusing on content management and user experience. Responsible for **technical leadership** and team mentoring.

- Led development team for **tottenhamhotspur.com** website rebuild using Umbraco CMS.
- Mentored junior developers and collaborated with project managers in Scrum environment.
- Engineered high-performance CMS solutions, resulting in improved site speed and user engagement for high-profile clients.

Technologies: C#, .NET Framework, MVC, .NET Core, Umbraco CMS, Azure, MediatR

.NET Developer @ Cergis Software

Jul 2014 - Jun 2017

Developed greenfield and legacy applications including multilingual competition platforms and bespoke EPOS retail systems.

- Built multilingual competition and promotion platforms supporting multiple European markets.
- Developed bespoke EPOS (Electronic Point of Sale) retail systems with integrated payment processing.
- Maintained and enhanced legacy applications while implementing modern development practices.
- Collaborated with business stakeholders to gather requirements and deliver custom software solutions.

Technologies: C#, .NET Framework, MVC, Web API, SQL Server, JavaScript

.NET Developer @ Whitespace Work Software

Aug 2012 - Jul 2014

Developed portal applications for mobile workforce management serving local government customers.

- Built web-based workforce management portals for local government field service teams.
- Developed responsive user interfaces using JavaScript, jQuery, and modern CSS techniques.
- Integrated with web services and databases to manage scheduling and resource allocation.
- Participated in full software development lifecycle from requirements gathering to deployment.

Technologies: C#, .NET Framework, MVC, JavaScript, jQuery, CSS, HTML5, SQL, LINQ, Web Services

Professional Certifications

- **Microsoft Certified: Azure Solutions Architect Expert**
 - **Microsoft Certified: DevOps Engineer Expert**
 - **Microsoft Certified: Azure Administrator Associate**
 - **Microsoft Certified: Azure AI Fundamentals**
 - **Microsoft Certified: Azure AI Engineer Associate**
 - **Microsoft Certified: Power Platform Fundamentals**
 - **Scaled Agile, Inc. Certified SAFe® 5 Agilist**
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Professional Development & Leadership

- **Expanding frontend expertise** in React, Node.js, JavaScript, and TypeScript through personal projects.
- **Exploring AI integration** with MCP servers, Python, and Azure Foundry & OpenAI for modern development workflows.
- **Power Platform proficiency** for business process automation and low-code solutions.
- **Continuous learner** staying current with emerging technologies and industry best practices.