

James McCormack

FULL-STACK SOFTWARE DEVELOPER

- Self-motivated engineer with deep experience developing web-based business software.
- I develop high-performance, maintainable systems with an emphasis on usability.
- Pragmatic, business-focused problem solver.

Qualifications:

Microsoft Certified Application Developer (**MCAD** – Web / C# / SQL)

2.1 BSc (Hons) Information Systems at the University of Leeds, UK

Technical Skills:

Server-side development	C#, ASP.NET Core, MVC, Web API
Azure development	Azure Functions, Azure Service Bus, APIM
Web / UI development	Blazor, Razor, React, JavaScript, TypeScript, SignalR, JWT, jQuery, Bootstrap, HTML, CSS / SASS
Mobile App development	MAUI Blazor Hybrid – for iOS and Android. Deploying apps to Google Play and Apple Store. IAP setup for Apple Pay and Google Pay.
Testing	Cypress, Jest, NUnit, XUnit, NSubstitute, Moq, Shouldly
DevOps Pipeline	Azure DevOps, YML, Octopus, Team City
Data	SQL Server, Entity Framework, Azure Tables / BLOB, MySQL
Windows development	Windows Forms and Services development (VB6, C# .NET)

Project & Management Skills:

Analysis, design and documentation	Requirements gathering, estimation, process modeling, data analysis, DB design.
Project Development Approach	Interested in Agile practices, e.g. Scrum, Kanban etc. Happy to host retros, refinement, sizing, tasking etc.
Client-facing skills	Customer liaison, sales presentations, client project workshops, and working with clients to analyze business requirements and develop technical solutions
Senior management / Board-level liaison	Good communicator with senior management. Relied upon as a source of technical expertise and advice.

Selected Project Highlights:

Far'n'Beyond Ltd, Leeds, UK : 2016-17 , 2024-2025

Order Management System : ASP.NET MVC, JavaScript, jQuery, SQL Server

- Technical Architect and lead developer for a full Quote-To-Cash line-of-business system
- Quotes / Orders / Tasks / Invoicing / Receipts / CRM / Reports.
- Included document management, PDF generation, bulk emailing, cost evaluation algorithms, XLS/CSV generation.

Hemingways Marketing Services, Ripon, UK : 2023-2024

Cross-Platform Mobile App : .NET MAUI Blazor Hybrid, ASP.NET Core Web API, Azure, Azure B2C Auth, SQL Server

- Developed a mobile app and accompanying website and API for a startup.
- MAUI Blazor Hybrid allowed creation of an app for iOS, Android and Web, using a single shared codebase.
- Online payment and subscriptions via Apple Pay, Google Pay and Stripe.

Keoghs LLP, Bolton, UK : 2021-2023

Insurance Industry – Ministry of Justice API Integration

ASP.NET Core, Web API, React, Azure Functions, Azure Service Bus, APIM, Identity Server, SQL Server

- Supplied key modules of a **MicroServices** API platform.
- B2B connections with insurance company APIs and the **MOJ Official Injury Claim** API.
- UI and functionality for a **React** application that uses the API.
- Tests written using **Cypress** and **Jest**. CI/CD managed with YAML templates on **Azure Devops**.

TransUnion LLC, Leeds, UK : 2018-2021

White-Label Consumer Credit Report Web System

ASP.NET Core, Web API, React, Azure Service Bus, Azure Tables

- Supplied key modules of a secure white-label web system for clients including **Halifax**, **TotallyMoney** and **MoneySuperMarket** to offer Credit Reports to end users

Fairfax Intl, BVI / Hong Kong : 2012-2016

Financial Services Payroll System : ASP.NET MVC, JavaScript, jQuery, SQL Server

- Technical Architect and lead developer for a full line-of-business system for a payroll services client
- Included contract management (workflow), receipting, invoicing (PDF and report generation), bulk email services, tax calculation, payroll processing, pay slip generation, and bank integration.

Kinesis, Leeds, UK : 2014-2015

NHS Communication System : ASP.NET MVC, SQL Server, Entity Framework, jQuery

- Technical Architect and lead developer for a web-based messaging application for the **NHS**, allowing Doctors and Consultants to collaborate and send referrals online.
- Pioneering use of SignalR, while MVC provided the ideal server-side architecture.

Bliss-Systems Ltd, Leeds, UK : 2012

Event Management System : ASP.NET MVC, Entity Framework, jQuery, AJAX, Active Directory

- Technical Architect and lead developer of a bespoke system to allow **The London Olympics 2012** to manage various aspects of their long-distance running events.
- This same system was later used by **The 2012 London Marathon**.

Bliss-Systems Ltd, Leeds, UK : 2011

Claims Process Software : ASP.NET MVC, Entity Framework, jQuery, AJAX

- Supplied a customer claims system for **Bosch**, incorporating a front-end web site and claims process, with a back-end claims management suite, featuring integration with Citibank.

Department of Work and Pensions (DWP), Leeds, UK

Government Fraud Analysis Software : 2008-2010

ASP.NET MVC, SQL Server, jQuery, AJAX, ActiveReports

- Designed and developed large parts of FREDa, a major system used within the DWP to allow field teams to gather Benefit Fraud / Error data on thousands of customers
- A ground-up redevelopment of an existing system with several important improvements in the areas of automated validation, performance and ease of use (GUI design with **AJAX** controls).

StarCompliance Ltd, York, UK : 2007

Financial Trading Software : ASP.NET, SQL Server, AJAX, NHibernate

- A ground-up redevelopment of the presentation layer to a large **C# .NET** trading system.

NetConstruct Ltd, Wetherby, UK : 2000-2006

Big-Brand E-Commerce : ASP.NET, JavaScript, SQL Server

- Technical Architect and Lead Developer of a tenanted e-commerce system
- Provided branded sales channels for major clients such as **Debenhams, John Lewis, House of Fraser, Selfridges, Habitat, and Argos**.

NetConstruct Ltd, Wetherby, UK : 2000-2006

Global Intranet Portal : PHP, JavaScript, MySQL

- Lead Developer of an Intranet for **Cadbury Schweppes** legal department.
- Included language versioning and document management
- Managed the liaison and coordination with international project stakeholders to implement the system.

Yorkshire Electricity Group, Leeds, UK : 1998-2000

Energy Data Reporting : ASP, VB6, SQL Server

- Lead Developer of **Yorkshire Electricity's** award-winning Web-based reporting application.
- Used **Classic ASP, Perl**, SQL Server, and custom VB7 **COM** objects to create chart images and CSV files on demand.
- The system was one of the first customer-facing online e-business applications.