

Jon Perkins

Senior .NET / WinUI Engineer • Full-Stack Product Developer • Azure-Connected Systems

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Resident in Worcestershire, UK

Remote developer

Outside IR35 (sole trader)

Professional Summary

Senior .NET engineer and Windows UI specialist with extensive experience delivering full commercial systems end-to-end. I build modern desktop applications using WinUI and the Windows App SDK, cloud-connected backends using ASP.NET Core and Azure, and robust SQL Server data layers. I'm equally comfortable modernising legacy systems, designing new architectures, or acting as a first-responder for technical issues.

Over my career I've delivered complete products, rebuilt mission-critical systems, run entire technical operations, and supported hundreds of customers worldwide. I work independently, communicate clearly, and thrive in roles where reliability, breadth, and ownership matter.

Core Technical Skills

Modern Stack

WinUI 3 • Windows App SDK • MVVM

.NET 10 • C# 14 • ASP.NET Core Web API

Blazor Server • Azure SQL

REST API design • Dependency Injection • xUnit • TDD

Supporting Skills

SQL Server (design, optimisation, admin)

Azure administration • Development for Azure platform

DNS, SSL, PC and Server management

Testing strategies • Troubleshooting • Customer support

Video production and editing (explainer videos)

Legacy Experience (compact)

VB.NET, VB6, SQL Server (since 1994), GDI+, InstallAware

Key Achievements

- Built and shipped multiple commercial software products as sole developer, including a full cloud-connected wellness system used by practitioners worldwide.
- Modernised legacy systems into WinUI + REST architectures, improving maintainability, performance, and deployment reliability.
- Designed and operated Azure-based automation services handling invoicing, subscription renewals, pattern processing, and internal workflows.
- Acted as the technical first responder for a global customer base, resolving complex Windows, networking, and software issues remotely.
- Delivered complete websites and admin systems using Blazor Server, ASP.NET Core, and SQL Azure.

Professional Experience

World Development Systems — Software Developer

2003–present (remote)

Lead developer and technical owner for a global provider of homeopathic equipment and software. Responsible for all software development, backend services, websites, automation, and customer technical support.

Key Projects & Responsibilities

- Mission Control (2025–present)
Redeveloping the company's main administration system using WinUI 3 with a REST API backend. Introduced modern architecture, DI, and clean separation of concerns.
- WDS Global Website (2024–2025)
Complete rewrite of <https://wds-global.com> using Blazor Server 10, improving performance, maintainability, and content workflows.
- ONE Wellness System (2020–2023)
Sole author of a commercial practitioner-facing system:
 - WinUI/MVVM desktop application
 - Azure-hosted REST API
 - Azure SQL database
 - Authentication, licensing, subscription management
 - Full deployment pipeline and customer supportA fully modern, cloud-connected product built end-to-end.

- "Jarvis" Automation Services
Suite of C# Windows services running on Azure VM infrastructure, handling:
 - subscription renewal reminders
 - automated invoicing
 - database maintenance
 - internal workflow automationDesigned for reliability and 24/7 operation.
- Broadcast Server
High-performance C# Windows service providing rapid on-demand pattern processing to client devices. Architected for horizontal scaling.
- Legacy ASP.NET (VB.NET) Websites
Developed and maintained several sites supporting different business functions over the years.
- Computer Clear (VB.NET)
Retail desktop product (English/German/Japanese) with InstallAware installer and SQL CE database.
- Technical Support & Operations
Sole technical support contact for hundreds of customers worldwide.
Remote troubleshooting via TeamViewer, Windows diagnostics, networking issues, and general PC support.

Economatics (Education) Ltd — VB.NET Developer

2002–2003

Rebuilt the presentation layer of the Logicator flowcharting application (VB.NET 2003, GDI+), widely used in UK schools.

Nationwide Building Society — Contractor (VB6 / SQL Server)

1998–2001

Delivered multiple VB6/SQL Server systems on a hybrid home/office basis. Frequently consulted for troubleshooting and performance issues, plus Millennium projects.

Claritas Ltd — Contractor (VB4 / SQL Server 6.5)

1996–1997

Designed and built database and middle-tier components for a sales ordering system.

Nationwide Building Society — Senior Analyst/Developer

1988–1996

Delivered client/server systems using VB and SQL Server, working independently or in small teams.

Earlier Roles

Open University — Programmer (1988)

Anglia Building Society — Junior Analyst/Programmer (1986–1988)

Education & Certifications

- **Currently studying for AZ-104: Microsoft Azure Administrator** (2026)
- **Microsoft Certified Solution Developer (MCSD)** — Windows Architecture, VB6 Desktop, VB6 Distributed, SQL Server Design
- Ongoing self-directed learning via Microsoft Learn, Microsoft blogs, and various quality YouTube sites. Regular purchaser of “doorstop” technical manuals.

Publications & Media

- Former **Visual Basic columnist for EXE Magazine** (2 years)
- Contributed a chapter on **Unit Testing** for a Microsoft Press book (2 editions)
- Sought and commissioned by **Microsoft UK** as commissioning technical editor for an MSDN website section concerning reusable components
- Produced several product training and how-to videos for two World Development Systems products (e-Lybra and the One System) using Pinnacle Studio (examples at <https://jonperkins.com>)