

PETER HURFORD

Salisbury, UK • 07885 877353 • work@hurford.me.uk

I'm a hands-on IT architect with over thirty years' experience, mainly in design and development, but also in related disciplines such as project management and business analysis. I became involved in architecture in the Nineties, and while this is my strongest skill, I still enjoy the hands-on aspect. My ability once earned a visa to work in the USA, as the technical lead in a joint venture with Chase Manhattan.

I launched my own company (all roles 1997 – 2013 were contract), demonstrating my technical expertise, my flexibility to integrate into diverse client environments, and once published the global Ziff Davis "App of the Day".

Starting my working life in the public sector, I have also developed shrink-wrapped software, although most of my work has been in Finance (retail banking, wealth management), ranging from customer-facing portals such as online banking applications to the development of back-office processes to improve efficiency.

Many of my roles have included aspects such as recruitment, code reviews and standards development. I have often acted as a mentor and am usually involved in design and planning.

I took a career break in 2013 and became a bicycle mechanic, demonstrating my aptitude for mastering new skills. This stint ended abruptly in 2016 when I suffered a serious illness, though I showed my determination to work again, combining voluntary work with the development of health-related apps in order to re-sharpen, before returning to full-time work as a developer for a small, local consultancy between 2023-5.

EDUCATION

BSc (Hons) Physics (2:1) [University of Wales, Cardiff](#)

SKILLS SUMMARY

Design:	Layered architectures, microservices, modular vs monolith, plugins, pub-sub, headless. COTS product selection. Have held commercial roles as an architect.
Development:	Agile, C# development, coming from a C and C++ background. .NET (to v8), Docker, Azure DevOps, SCC.
Testing:	MS Test, NUnit and some Jest as necessary. Some xUnit exposure.
Cloud:	Azure. Virtualization in general since ~2010. Hyper-V
Middleware:	MQ, MSMQ, Oracle AQ, WCF, Tibco, Mercator, Heliograph, Azure Service Bus
Security:	RSA PKI, SSL, OAuth2, Windows/Azure integration, JWT
Databases:	SQL Server, Oracle, SQLite, Entity Framework, oData
Web UI:	ASP (including MVC and WebAPI), REST services, React (JavaScript), Redux, SOAP, XML, JSON. Libraries such as PrimeReact.
Desktop UI:	WinForms, WPF, libraries including DotNetBar, DevExpress, and Telerik.

PROFESSIONAL EXPERIENCE



For full details, see <https://www.linkedin.com/in/hurfordpeter/>

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Mar 2023 – Jun 2025

- Software Developer for a SAP Gold Partner and Microsoft Solutions Partner.
- I worked on an agile project for a client who distributed secondary copyright royalties. It was important for me to return to a collaborative environment, even though the role was not ideal.
- Exposure to SAP – client was upgrading from an Add-On to a standalone web application.
- React/Redux client, ASP.NET Core web services, Azure and SQL Server. Containerised (Docker / Kubernetes), bespoke implementations of CQRS, an Event Store and a form of Onion architecture.
- Another project was a global, high-end jeweller. I reviewed code, identified performance bottlenecks and tuned SQL queries. Some exposure to Redgate SQL Monitor.
- I regularly used complementary tools such as Azure DevOps, Power BI, Teams, ConnectWise and Jira.

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Mar 2018 – Mar 2023

- My own startup designed to bring myself back up to speed, I created a suite of health management apps such as Diem (Diabetes), Meditrak (medication) and Composition (pathology results).
- Desktop technology was usually WPF, using EF to front local SQLite databases.
- Web solutions were MVC, Razor and SQL Server. Mix of Standard & Core .NET.
- Maintained a “numbers” web site, based on PHE countrywide numbers, for my home village during the COVID pandemic (MVC, Azure)
- I combined this role with voluntary work for both the [Stroke Association](https://www.stroke.org.uk) and [Age UK](https://www.ageuk.org.uk), demonstrating my determination to return to the workplace. Both roles required Enhanced DBS checks.

Pre-2018 Highlights

- Technical Lead in a small internet startup, developing a B2B procurement solution (1995-7). We became involved in joint ventures with **Barclaycard** (UK) and **Chase Manhattan** (USA). Microsoft stack.
- Designed/developed internet banking sites for **Barclays** (1997-9) and **Nationwide** (1999-2000). At Nationwide, I became involved with the bank’s technical strategists. Microsoft stack.
- I was caught up in the DotCom bubble, becoming a pure Systems Architect at buy.com, who wanted to refactor their first-generation web site into a more scalable solution.
- I went on to become the System Architect on a large wealth-management portal at **Coutts** (2000-2). This included product and platform selections, and directing offshore developers. I was involved in wider aspects of the bank’s strategy, and liaised with **RBS** and **NatWest** architects following a takeover.
- More than a decade’s experience in Asset Management, with both **GAM** (once owned by UBS), and with **Insight Investment** (BNY). Both roles, moreso GAM, blended development with architecture. Microsoft stack.
- The GAM role (2002 – 2012) blossomed from maternity cover into a ten-year relationship.
- After Insight, I took a career break, becoming a bicycle mechanic. I gained a City & Guilds qualification and worked freelance until I suffered a serious illness at the start of 2016.
- I have public sector experience (1989-94) with the **UK Atomic Energy Authority**, and
- I developed shrink-wrapped software for **Dr Solomon’s Antivirus** and **IBM MQ Series**.