

Eric Imhauser

SENIOR .NET & AZURE ARCHITECT • HANDS-ON ENGINEER • AI INTEGRATION

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Available now for contract work, corp-to-corp through Imhauser Technologies LLC (Virginia). On site or hybrid anywhere in the Washington DC metro, or remote. Authorized to work in the United States; no sponsorship required.

PROFILE

Solution architect and hands-on .NET engineer with more than 30 years of building and delivering production software on the Microsoft stack, in Europe and the United States, for international organizations, an EU institution, banking, manufacturing and retail. Most recently Technical Lead at IFC (World Bank Group) in Washington DC, then sole architect and engineer of a production AI SaaS platform on Azure, built from concept to launch in about a year.

Strongest where architecture and delivery meet: modernizing and extending existing .NET systems, designing Azure estates as code, leading and mentoring development teams, and adding AI (Azure OpenAI, retrieval over company data, MCP connectors) to systems that are already in production.

CORE SKILLS

.NET & architecture	C# • .NET 10 • ASP.NET Core • Web API • EF Core • Clean Architecture • CQRS • Domain-Driven Design • REST API design • event-driven design (outbox pattern, Service Bus) • legacy migration and modernization
Microsoft Azure	App Service • Azure Functions and Durable Functions • Azure SQL • Service Bus • Key Vault • App Configuration • Storage • Static Web Apps • managed identity and RBAC • cost visibility
DevOps	Bicep infrastructure as code • GitHub Actions CI/CD • multi-environment deployment • automated integration testing
AI & LLM integration	Azure OpenAI • Semantic Kernel • Azure AI Search (vector and semantic) • retrieval-augmented generation • Model Context Protocol (MCP) servers • Claude and other model APIs • prompt, token and cost tracing
Identity & Microsoft 365	Entra ID and Entra External ID • OAuth2 / OIDC • Microsoft Graph • SharePoint Online at enterprise scale • Power Apps
Front end & data	Vue 3 • Angular • TypeScript • JavaScript • SQL Server • Umbraco CMS • Sitecore
Leadership	Technical lead for onshore and offshore teams • design and code review • mentoring • working directly with business owners and management

PROFESSIONAL EXPERIENCE

Founder & Principal Architect • Imhauser Technologies LLC

July 2025 – Present

McLean, Virginia • independent consultancy

- Run a principal-led consultancy for .NET and Azure architecture, modernization and AI integration, contracting corp-to-corp.
- Built and operate the company's own products: an AI voice receptionist in production on the company's business line since September 2026, and the company website on Eleventy and Azure Static Web Apps with WebMCP tools that AI agents can call directly.
- Set up a shared Umbraco CMS on Azure, configured to publish client websites as static sites to Azure Static Web Apps.

Founder & Chief Technology Officer • TheraDesk.ai

March 2025 – September 2026

Remote • France and Switzerland

- Designed and built a multi-tenant healthcare SaaS platform from concept to production as **sole architect and engineer**: backend, two front ends, Azure infrastructure, billing in two countries and regulated health-data handling.
- Architected a Clean Architecture **.NET 10** platform (CQRS, EF Core on SQL Server, Entra External ID, Microsoft Graph, Vue 3 / TypeScript) with the entire Azure estate defined in **Bicep** and deployed through **GitHub Actions** to multiple environments.
- Built the AI layer on **Azure OpenAI and Semantic Kernel**: transcription, generated summaries and documents, classification and scoring of unstructured text, and retrieval-augmented generation over **Azure AI Search**.

- Orchestrated the processing with **Azure Durable Functions**: one resumable orchestrator fanning out to eight artifact types in parallel, each with its own retry path, so a partial failure never blocked the whole run.
- Traced prompts, tokens and cost on every AI operation, giving per-feature visibility of inference spend. Launched in April 2026; left the venture in September 2026.

Stack: Azure OpenAI · Semantic Kernel · Azure AI Search · Durable Functions · Service Bus · .NET 10 · C# · Bicep · Entra External ID · Vue 3 · SQL Server · GitHub Actions

Technical Lead · **IFC, International Finance Corporation (World Bank Group)**

October 2023 – March 2025

Washington, DC

- Led architecture, development and maintenance of the IFC Intranet on SharePoint Online and a portfolio of financial-sector applications, integrated with the wider Microsoft 365 estate.
- Directed and mentored an offshore development team: set technical direction, ran design and code review, and unblocked complex engineering problems.
- Designed secure, scalable solutions and validated them through proofs of concept before committing to delivery; delivered concurrent projects within World Bank Group security, procurement and approval processes.
- Worked directly with business units and management to turn operational requirements into technical solutions; built Power Apps to streamline internal workflows.

Stack: SharePoint Online · Microsoft 365 · ASP.NET · Angular · Microsoft Azure · Power Apps

Solution Architect · **Velux A/S**

August 2018 – April 2023

Denmark

- Led design and development of the Commercial Configure, Price & Quote (CPQ) system, including the price-calculation engine, replacing manual quoting across commercial operations.
- Planned and executed legacy system migrations to Azure, managed outsourced development teams, and delivered internal microsites that streamlined operational workflows.

Stack: Microsoft Azure · ASP.NET Core · JavaScript · SQL Server

Senior Full-Stack Consultant · **ENTSOG (EU institution)**

January 2017 – June 2018

Brussels, Belgium · consulting engagement

- Designed and built a web application for European gas transmission operators to submit and browse regulatory tariff data, used by national regulators across Europe.
- Integrated ticket management through a Web API and delivered an internal distribution portal for in-house Windows applications.

Stack: Microsoft Azure · ASP.NET Core · JavaScript · SQL Server

EARLIER CAREER

Ice-Watch (2011 – 2017), .NET Architect: global retail, e-commerce, point-of-sale and B2B distribution platforms, and a multi-party after-sales repair tracking system, for a fast-growing international watch brand.

BNP Paribas Fortis (2007 – 2011), .NET Architect: designed a template-driven project engine for running thousands of branch and rollout projects from shared plans, still in use at the bank, plus the merger programme-management platform reporting to the Management Board.

Tagora, now JWT Belgium (2002 – 2007), .NET Architect: Belgian National Lottery website, an in-house CMS and component library, and European Commission projects under the Publications Office framework contract. Microsoft Official Curriculum trainer at U2U (2001 – 2002).

Belgian Federal Agency for the Safety of the Food Chain (1994 – 2001), Software Developer & Technical Analyst: built the national track-and-trace system during the Belgian dioxin crisis, plus intranet and extranet applications.

EDUCATION, CERTIFICATIONS & LANGUAGES

Education: Bachelor in Information Technologies, École supérieure d'informatique, Brussels, Belgium (1987 – 1990)

Certifications: Microsoft AZ-900 Azure Fundamentals · Microsoft DP-900 Azure Data Fundamentals · Sitecore 9.0 Certified Platform Associate Developer · earlier Microsoft certifications in C#/.NET web applications, SQL Server, solution architecture and distributed applications

Languages: French (native) · English (fluent) · Danish (conversational)