

# Steven B. Tomlinson

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## Professional Summary

Versatile and innovative Solutions Architect and Full-Stack Software Engineer with 20+ years of experience designing, developing, and deploying enterprise-grade systems across industries including travel tech, fintech, civic tech, and construction. Extensive hands-on expertise in C#, ASP.NET Core, Razor/Blazor, and SQL Server, with a strong foundation in OOP principles and emerging AI technologies. Proven ability to lead complex system architecture initiatives, mentor engineering teams, and deliver scalable, secure, and performant solutions in cloud and hybrid environments.

## Core Competencies

Enterprise Architecture • Full-Stack Development • .NET 6/7/8/9 • Blazor • SQL Server • AI Integration • Service-Oriented Architecture • Azure/AWS • Microservices • API Design • OOP Principles • Secure Development • CI/CD Pipelines • DevOps • Technical Leadership • Stakeholder Engagement

## Selected Projects

### Lockb0x Protocol (2024–Present)

Designed and developed a decentralized protocol for document verification using IPFS, blockchain anchors, and encrypted metadata. Built using .NET Core and deployed in hybrid cloud environments with REST APIs and Azure Functions. Serves civic tech, legal, and fintech use cases.

### Pakana Platform (2023–Present)

Architected and implemented a digital deliverable custody platform integrating Stellar blockchain with ASP.NET Razor and Blazor components. Built smart contract-style custody logic into financial workflows, enabling automated and auditable project milestone payments.

### Panhandler.chat (2024)

Deployed and fine-tuned open-source LLMs (via llama.cpp) on local infrastructure to build a fundraising-focused AI agent. Developed front-end and back-end with C# and Razor Pages. Demonstrated successful AI application for real-world workflows.

## Professional Experience

### **Freelance Enterprise Architect and Software Developer (2015–Present)**

Designed and built process and workflow automation and full-stack systems for clients in fintech, civic tech, and travel sectors. Integrated legacy applications with modern APIs and databases using .NET, SQL Server, and cloud-native tools. Collaborated directly with non-technical stakeholders and led small distributed teams.

### **Director of Technology – Three Lock Box, LLC (2018–2022)**

Migrated mission-critical LAMP application to a modular .NET Core + PostgreSQL stack on Azure. Introduced distributed microservices and improved overall system resilience and maintainability. Led hybrid dev team and collaborated across departments to align architecture with evolving business needs.

### **Senior Application Developer – elevate DIGITAL (2015)**

Built and integrated interactive kiosk applications using C#, MVC/MVVM patterns, and RESTful services. Worked with hardware APIs and developed high-performance UI logic in customer-facing products.

## Education & Certifications

Microsoft Certified Professional (MCP)

DeFi Specialization, Duke University (Coursera)

AI/ML Workshops and Community Engagement (2022–Present)

## Technical Skills

Languages/Frameworks: C#, ASP.NET Core, Blazor, Razor Pages, JavaScript, TypeScript, HTML, CSS, SQL

Databases: SQL Server, PostgreSQL, Cosmos DB

Cloud/DevOps: Azure, Azure Functions, Azure DevOps, Docker, AWS (basic), Git, GitHub

AI/ML: LLM integration (OpenAI, local inference), vector databases, fine-tuning, Python (basic)

Architectural Patterns: Microservices, SOA, CQRS, Event Sourcing

Other Tools: ServiceNow, Power BI, SSRS, SSIS, Entity Framework, LINQ, REST APIs