STEVEN STOUT

St. Louis, MO | 573-286-8578 | stevenstout11@gmail.com
linkedin.com/in/stevenwstout | theyard.stevenstout.biz | github.com/SteveStout/TheYard

LEAD / STAFF .NET ENGINEER

12 Years Full Stack .NET | 7 Years Fully Remote | Central Time | US Citizen

Staff-level .NET engineer who owns platform architecture end to end, from REST API design through the deployment pipeline it ships on. Twelve years full stack .NET and seven fully remote, most recently the first lead-level engineering hire at Storee, a 200-person firm, where I set the architecture, built the team, and consolidated four applications onto a single .NET 9 platform on Azure without interrupting production releases. I work in secure, regulated environments, and the code review, testing and release standards I set are what make that pace repeatable.

CORE COMPETENCIES

Technical Leadership: Software Architecture & System Design, Platform Consolidation, Team Building & Mentoring

Languages & Frameworks: C#, .NET 10 / .NET 9 / .NET Core, ASP.NET Core / Web API, TypeScript, React, JavaScript

Cloud & Infrastructure (Azure, AWS-transferable): Azure, Azure DevOps, Infrastructure as Code (IaC: Azure Bicep, AWS CloudFormation equivalent), Containers (Docker multi-stage, Azure Container Registry / Instances, AWS ECR / ECS equivalent), Edge Proxy / CDN, CI/CD (Continuous Integration / Delivery), Monitoring & Telemetry

Database & Performance: SQL Server, Azure Cosmos DB, Entity Framework / EF Core, Performance Optimization

Architecture Patterns: SOLID Principles, Clean Architecture, Design Patterns, Dependency Injection, REST API Design

Security & Compliance: Auth0, SSO / MFA (AWS Cognito equivalent), Financial Services Compliance

Development Practices: Agile / Scrum, Git / Source Control, Unit / Automated Testing, AI-Assisted Development

PROFESSIONAL EXPERIENCE

STOREE CONSTRUCTION - Remote (Springfield, MO)

Commercial construction firm focused on project management and field operations

Lead Software Engineer, Remote **Jun 2024 - Present**

- Four ASP.NET applications and one platform: consolidated the entire application estate of a 200-person construction firm onto a unified .NET 9 platform on Azure as its first lead-level engineering hire, choosing the target architecture, the migration strategy and the delivery standards the team still works to
- Directed cross-functional delivery across internal teams, third-party IT partners, contractors, QA, and executive stakeholders, and kept production releases consistent on a high-risk legacy platform by removing blockers, reprioritizing work, and giving clear technical direction
- Improved data architecture and system reliability by transitioning from stored procedure-driven access to Entity Framework and implementing database integrity controls, reducing data inconsistencies and improving development velocity
- Reduced release cycle time by 50% through code reviews, testing workflows, release controls, and technical documentation, establishing a repeatable, auditable delivery process for high-accountability environments
- Designed the REST API layer and built the React and TypeScript front end on the consolidated platform, replacing the separate interfaces the four legacy applications carried, and defined the Azure infrastructure in Bicep so I built every environment from source control
- Ran a phased Strangler Fig migration that replaced legacy components a piece at a time, holding the release schedule through the whole migration, and moved the platform onto Clean ("Onion") architecture
- Hired and mentored a four-person engineering team, ran the technical interviews and onboarded each engineer, and set the bar for architecture and code quality
- Recorded architecture decisions in writing so disagreements resolved through a documented tradeoff rather than through seniority, giving a four-person team a standard to build against rather than a person to ask

CONWAY INVESTMENT RESEARCH - Remote (St. Louis, MO)
Investment research and advisory firm supporting financial advisors

Lead Full Stack Developer, Remote **Jul 2019 - Jun 2024**

- Sustained 200+ software releases on a live financial platform through CI/CD pipelines I designed and operated
- Sole engineer for the last three of five years on the client-facing platform serving 200+ advisors, clients and staff, carrying its whole risk surface: identity, Azure Front Door, release, cloud cost and production support
- Cut $30,000+ from Azure and third-party spend through infrastructure optimization and vendor coordination
- Implemented SSO with Auth0 and enforced MFA/2FA across client-facing applications, which shortened client onboarding and tightened authentication security
- Modernized the platform from .NET Framework to .NET 6 and moved the front end to TypeScript, which ended the firm's exposure to framework deprecations
- Architected and delivered REST APIs and financial modeling tools used directly by investment advisors to analyze fund performance, compare investment vehicles, and forecast client outcomes

CASS INFORMATION SYSTEMS - St. Louis, MO
Financial services company specializing in payment processing

Senior Full Stack Developer, Hybrid **Nov 2018 - Jul 2019**

- Built and enhanced .NET and SQL Server payment applications processing thousands of transactions a day
- Optimized slow-running SQL queries and application performance through indexing and query refactoring

HUNTER ENGINEERING - St. Louis, MO
Manufacturer that engineers automotive service equipment

Senior Full Stack Developer, On-Site **May 2015 - Nov 2018**

- Maintained business-critical applications used across the company and by its customers, and built automated reporting tools in Excel, PDF, and web dashboards

STATE OF MISSOURI - Jefferson City, MO
Department of Social Services

Full Stack Developer, Hybrid **Jan 2014 - May 2015**

- Developed and maintained full-stack .NET and SQL Server applications for public assistance and child welfare systems, resolving production issues to keep them stable

PROJECT SHOWCASE

THE YARD - theyard.stevenstout.biz | github.com/SteveStout/TheYard
Production-level scaffolding on Azure, designed, built, deployed and operated solo

.NET 10 | React | TypeScript | Azure SQL | Cosmos DB | Bicep | Docker | CI/CD **2026 - Present**

- Built a React and TypeScript front end over a .NET 10 REST API with parameter-driven search and detail views, covered by unit, component and end-to-end suites running in CI on every push
- Ran the same application on two stores at once, Azure SQL Database through EF Core and Azure Cosmos DB through its SDK, behind one set of async ports, with an account modelled as one document plus one address document so an email stays unique without a cross-partition unique index
- Kept every credential out of the design: the SQL server is Entra-only, the Cosmos account has no keys, and the container reaches both as its own managed identity
- Proved both stores perform the same with a benchmark the app runs on itself, alternating which store goes first on paired requests, so the numbers show the round trip rather than the engine
- Hand-authored a multi-stage Dockerfile, published the image to Azure Container Registry, and ran it on Azure Container Instances from a container spec the deploy pipeline rolls, with the production target written in Azure Bicep
- Owned the data model, the search and indexing strategy, and the rule that serializes simultaneous bids, and built it with test driven development (TDD), every test specified before Claude Code implemented against it, under 76 decision records and 502 xUnit, 110 Vitest and 66 Playwright tests
- Built a .NET 10 minimal API with OpenAPI, JWT bearer authentication, LINQ server-side filtering, Application Insights telemetry through Azure Monitor OpenTelemetry, and integration tests against both live stores before release

EDUCATION

University of Missouri - Bachelor of Science in Information Technology, Minor in Computer Science