

Adam Woerz

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Professional Summary

Senior software engineer and hands-on technical lead responsible for technical direction across a portfolio of nearly 50 enterprise applications supporting approximately 1,400 users. One of two internal engineers working with a distributed development team of outsourced and offshore resources, with significant responsibility for architecture, implementation standards, integrations, CI/CD, Kubernetes deployments, and production reliability.

Strong background in C#/.NET, TypeScript, Angular, REST APIs, SQL, distributed application architecture, Kubernetes, and Azure DevOps. Experienced in translating ambiguous business needs into maintainable software solutions, mentoring developers, driving technical decisions without formal management authority, and owning systems from initial discovery through production support.

Core Skills

Languages & Frameworks: C#, .NET 8, ASP.NET Core, TypeScript, Angular, JavaScript, Python, React

Application Architecture: REST APIs, distributed systems, real-time applications, asynchronous processing, system integration, authentication and authorization, API design

Cloud & Platform: Kubernetes, Rancher, Helm, Docker, Azure DevOps, CI/CD, Linux

Data & Integration: SQL, relational databases, Salesforce integrations, Redis, enterprise data integrations

Engineering Leadership: Technical direction, architecture reviews, mentoring, requirements discovery, solution design, code review, production troubleshooting, SDLC improvement

Tools: Git, Azure DevOps, Rider, Visual Studio, VS Code, Cursor, AI-assisted development tools

Professional Experience

Toyota Material Handling North America

Software Engineer | Columbus, IN | January 2023 - Present

Serve as one of two internal software engineers responsible for a portfolio of nearly 50 business applications supporting approximately 1,400 users, working alongside three outsourced developers and two offshore resources.

- Created baseline .NET and Angular application templates adopted by the development team, enabling consistent architecture and accelerating delivery across nearly 20 new applications over three years.
- Designed and built an Angular application used by executives and manufacturing-floor teams to monitor printer health and prevent production interruptions, contributing to an estimated \$250,000 in avoided manufacturing downtime since deployment.
- Established a more rigorous production change process by requiring team deployments to follow Change Advisory Board (CAB) review, reducing deployment risk and contributing to zero failed production deployments since implementation.
- Stabilized an aging Kubernetes platform by partnering with infrastructure teams and introducing managed services, bringing an environment that was approximately three years out of compliance back into compliance.
- Took ownership of Kubernetes platform reliability and lifecycle management, establishing regular upgrades for the management platform and clusters while maintaining zero business-visible production downtime during the period of ownership.

Raise Digital Solutions

Founder & Consulting Software Engineer | 2020 – Present

Provide independent software engineering and technology consulting for small-business clients, combining hands-on development with technical strategy and long-term application support.

- Designed and delivered a .NET integration with Salesforce for a healthcare technology client, establishing reliable data flow between physical devices and existing Salesforce workflows.
- Maintain and enhance client websites and e-commerce systems using WordPress and WooCommerce, including product catalog management, site updates, and ongoing technical support.
- Partner directly with business owners to evaluate needs, define practical technology solutions, and guide technical and business direction.
- Lead client engagements from discovery and solution design through implementation, deployment, and ongoing support.

Carrier

Systems Analyst | Indianapolis, IN | January 2021 – January 2023

Supported the launch and growth of a new in-house transportation planning organization created to replace an outsourced operation, reduce external service costs by millions of dollars, and improve planning efficiency. Helped scale the team from **4 to 34 employees**, supported successful go-lives across all **4 targeted locations**, and served as a liaison between transportation leadership, SAP, digital teams, and external providers as the new operation became fully established.

- Onboarded nearly **90 transportation providers** to SAP Logistics Business Network, including **API/EDI integrations and provider training**.
- Supported the successful go-live of the first **four locations** on a new transportation management platform, helping bridge transportation operations and digital implementation teams.
- Developed and validated business scenarios used through **SIT and UAT**, ensuring previously gathered requirements were represented and tested before production rollout.
- Partnered with SAP to improve provider onboarding documentation for **ANSI X12 EDI and electronic integration workflows**.
- Helped establish an internal issue-management process that tracked and resolved nearly **120 implementation and operational issues** related to the new transportation management system.
- Served as a technical liaison to the Director of Transportation and the broader transportation organization, translating operational concerns into actionable items for digital and implementation teams.

ProTrans

IT Analyst | Indianapolis, IN | January 2019 – June 2021

Brought on to support and extend ProTrans' Laserfiche enterprise content management platform and its integrations with core business systems. Managed the platform across six virtual machines, gathered requirements for internal software enhancements, supported development teams, and built workflow automation and business applications used across transportation operations.

- Earned **Laserfiche Gold Certification** while serving as a primary internal resource for the platform.
- Migrated the **Laserfiche repository and workflow automation server to Microsoft Azure IaaS**.
- Built and maintained automated business workflows in Laserfiche using low-code visual development tools.
- Developed and supported tightly integrated workflows connecting **Laserfiche Forms, business documents, and ProTrans' transportation management system**.
- Partnered with the claims team to deliver a **customer-facing web form for lost-freight claims**.
- Created supporting business applications using **Electron and Visual Basic for Applications (VBA)** to address operational needs.
- Gathered requirements, documented user stories in Azure DevOps, and created process-flow diagrams to support development of internal software systems.

Education

Western Governors University

Bachelor of Science, Computer Science - In Progress

Relevant coursework completed: Data Structures and Algorithms, Discrete Mathematics, Calculus, Software Engineering, and Computer Science fundamentals. Additional university coursework completed at Purdue University, including Calculus.

Eleven Fifty Academy, Software Development Immersive Learning Program, Indianapolis, IN, Fall 2021

12-week immersive learning program for Software Development taught with industry-guided curriculum, real-world project-based learning, and 500+ hours of logged coding time and training