

Evan Bausbacher

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SUMMARY

Full-stack software engineer with 5+ years building FDA-regulated medical-device and industrial software in C#, TypeScript, and Python. Founder of a revenue-generating SaaS business, running engineering, product, sales, and operations. Builds LLM-powered features and MCP integrations, and uses AI coding agents to ship faster while owning architecture and production quality.

TECHNICAL SKILLS

Languages: C#, TypeScript, Python, JavaScript, SQL

Frontend & Mobile: Angular, React, Next.js, Tailwind CSS, Xamarin, .NET MAUI, WPF

Backend & Data: .NET, FastAPI, Node.js, REST APIs, gRPC, PostgreSQL, SQL Server, OPC DA

AI: Anthropic & OpenAI APIs, tool calling, structured outputs, caching & token optimization, MCP

Platforms & Tools: Docker, AWS S3, GitHub Actions, OAuth/JWT, Playwright, unit and BDD testing

WORK EXPERIENCE

Software Engineer | ProtoLink Inc.

June 2021 - Present

- Built a Xamarin mobile app and companion Windows service for medical-device software updates, cutting update time from 45–60 minutes to under 5 and syncing firmware versions to Salesforce across hospital accounts.
- Developed a real-time ASP.NET hemodynamic monitoring app with FFmpeg streaming, letting clinicians monitor up to 16 devices at once from any browser or phone, with audible alerts.
- Created a WPF simulator of 40,000+ infusion pumps to validate infusion-management software and backend services without physical hardware.
- Delivered a full-stack EMR demo platform (Angular, .NET Core, PostgreSQL) that let sales teams showcase integrated infusion-pump features; used in 150+ customer demos.
- Containerized infusion-management backend services with Docker and shipped Angular features including localization, data visualization, and performance improvements.
- Primary maintainer of a 25-year-old OPC DA plant-integration system for a major food manufacturer; migrated it from .NET Framework to .NET 8 and WCF to gRPC, and added weigher-algorithm and monitoring endpoints.

Founder & Software Engineer | TrainingDojo

November 2025 - Present

- Built and run an endurance-training SaaS with \$1,500 MRR, 70 paying subscribers, and 1,000+ users, handling all engineering, product, support, and B2B sales to coaching businesses.
- Developed LLM-powered workflows that turn documents, spreadsheets, and AI-generated training plans into structured workouts; users have published 110,000+ workouts.
- Shipped a 26-tool MCP server and TrainingPeaks, Intervals.icu, and Strava integrations (Next.js, TypeScript, PostgreSQL).

EDUCATION

The University of Texas at Austin

December 2021

Bachelor of Science, Electrical Engineering

Software Engineering and Design

Overall GPA: 3.64/4.0