

Resume of Dean Stelow

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- Kihei, Maui, HI (Remote)

How I Can Help

Helping organizations extend the life of business-critical .NET applications while planning a practical path forward.

I provide part-time, remote consulting to help organizations maintain, enhance, modernize, and extend Microsoft .NET applications, especially ASP.NET WebForms and .NET Framework systems that remain valuable but are increasingly difficult to support. **My focus is on reducing technical risk, improving maintainability, delivering new features, resolving difficult technical issues, using AI/LLM tools to accelerate development and validation, and planning gradual migrations to modern .NET.**

My work combines hands-on software development with senior technical advisory services. I partner with software developers, technical leads, CTOs, and business leadership to evaluate technology options, improve engineering practices, adopt AI-assisted development workflows, improve Azure DevOps and deployment processes, and coordinate effectively with third-party security and compliance specialists.

With more than 30 years of experience as a Senior .NET Developer, Technical Advisor, CTO, and independent consultant, I bring a practical, production-focused approach to complex systems and modernization efforts.

Consulting Specialties

- Legacy ASP.NET WebForms and .NET Framework applications
- Practical modernization strategies for legacy .NET applications
- Software design, code reviews, and technical mentoring
- Senior technical advisor for CTOs, technical leads, and development teams
- AI-assisted software development workflows, including GitHub Copilot, Claude, and ChatGPT
- Azure DevOps, CI/CD, deployment automation, and engineering process improvements
- Collaboration with third-party security and compliance specialists to implement remediation recommendations, including SOC 2, penetration testing, and OWASP guidance
- Full-stack .NET development using C#, ASP.NET, Web API, JavaScript, HTML, CSS, and SQL Server

Experience

Nordev (Software) LLC, Kihei, Maui, HI

Software Engineer (Consultant and Founder) *January 2020 - Present*

Independent software consulting focused on helping organizations maintain, modernize, and extend business-critical .NET applications. Recent consulting has emphasized legacy ASP.NET WebForms and .NET Framework systems, AI-assisted software development, engineering process improvements, and practical modernization strategies.

Clarity Group, Chicago, IL (via Nordev LLC), remote

Senior .NET Developer & Technical Advisor *May 2021 - May 2026*

Served as lead developer on EventsModuleWeb, a legacy ASP.NET WebForms (.NET Framework 4.8) application powering Clarity Group's Healthcare Safety Zone® platform — a HIPAA-compliant SaaS solution used by healthcare institutions to document and manage patient safety incidents.

- Led security-hardening and compliance efforts including pen-test remediation (SQL injection, XSS, CSRF/SSRF, security headers), a custom CSP reporting server, and sourcing/leading an external compliance consultant engagement to a successful SOC 2 audit
- Served as special technical advisor to the CIO on security strategy, Azure DevOps CI/CD adoption, and architectural performance improvements
- Drove adoption of AI/LLM tooling (Copilot, Claude) across development and testing — automating test planning with QA, accelerating security validation, and cutting feature/bug-fix delivery time by roughly half
- Used AI-assisted development to begin de-risking an eventual migration off legacy .NET Framework, decom-

- posing monolithic page logic into reusable components ahead of Microsoft's end-of-support timeline
- Delivered new features and resolved complex user-reported issues across a highly configurable, large-scale legacy codebase

Transeo Solutions, Honolulu, HI (via TEKsystems) [<https://www.teksystems.com/>], remote
.NET Developer *October 2019 - February 2020*

Member of the development team responsible for a major back-office application rewrite for Hawaii's largest dental services provider, using ASP.NET Core MVC, Web API, Entity Framework, jQuery, Kendo UI, and Oracle.

GHE Inc., Health Analytic Technologies [<https://www.ghe-inc.com/>], remote
CTO & Software Engineer *February 2013 - January 2020*

Served as CTO and lead developer for a healthcare analytics SaaS company, providing technical leadership while remaining deeply involved in hands-on software development across the platform. Responsibilities included product and application design, API development, client-facing web applications, deployment, and technical leadership for a suite of healthcare analytics and decision-support products. Highlights include:

- Most recently designed and worked on development of a React/Redux app to help customers' employees choose a healthcare plan based on their companies' plan options. The React app, along with a separate C# - ASP.NET Core WebAPI app, were migrated from an existing C# - ASP.NET WebForms - Knockout.js - jQuery app. This included both unit and integration tests.
 - The React site is bundled with Webpack, and output files are deployed embedded in ASP.NET Core MVC gateway app to handle initial security concerns and hosting. Uses modern JavaScript (ES6), Redux to manage that state, and implementation follows *standard conventions and best practices*.
 - Wrote a separately deployed ASP.NET Core WebAPI site exposing a set of APIs designed for use by multiple custom front-ends built in-house or by customers themselves (including this React app). Used CORS headers for cross-origin HTTP requests.
- Migrated from SQL Server Reporting Services (SSRS) to a C# - ASP.NET web application utilizing JavaScript, jQuery, datatables, Highcharts and EPPlus to create several dynamic embedded HTML reports along with an Executive Summary Excel Workbook export.
- Created Test/Demo apps in C#, Razor and .NET Core for clients to test web services with a variety of xml document request messages for both Web HTTP-REST WebAPI services and legacy C# .NET XML/SOAP web services.
- Converted a C# - ASP.NET WebForms app to a SPA (Single Page App) using C# - ASP.NET - Knockout.js - jQuery app. The ASP.NET Webforms engine was used *only* to render initial client-side markup.

Nordev Inc., Green Bay, WI

Software Developer (Consultant and Founder) *September 1996 - December 2013*

Independent software consultant providing application design, development, and technical leadership for clients ranging from six-person software companies to Fortune 500 enterprises. Engagements included custom application development, technical leadership, software architecture, developer mentoring, and helping organizations adopt Microsoft .NET technologies. **Example projects include:**

- **Software Architect, 2007 to 2010**, Manitowoc Corp, Manitowoc, WI. Engaged to introduce "Microsoft .NET Web technology" to this heavy equipment manufacturing (Fortune 500) company, to establish architectural patterns and standards guidelines, and to develop the first set of .NET applications.
- **Sr Software Engineer, 2003 - 2005**, Skyline Technologies Inc, Green Bay, WI Lead architect and developer for a variety of in-house development efforts. Worked several projects using MS .NET Framework, C#, ASP.NET, WinForms, VB.NET, Soap/Web Services, Sql Server.
- **.NET Architect/Developer, 2001 - 2002**, JJ Keller and Associates, Neenah, WI. Lead architect for a large web application. The project is an Internet-based ASP-model (Application Service Provider) application, hosted on the Microsoft .NET platform.

Note: Earlier job and consulting history is available upon request.

Military

Captain, USAF, FE Warren AFB, Cheyenne, WY - Missile Crew Commander - 1982 to 1987

Officer in charge of Minuteman III ICBM missile operations, personnel administration and computer systems operations and instruction including the supervision and management of 45 people responsible for operation, security and maintenance of a strategic missile complex.

Education

- **MBA** from University of Wyoming with a specialization in Computer Science
- **BS Mechanical Engineering** from Michigan Technological University with concentration in thermo-fluid dynamics, (*awarded Four Year Air Force ROTC Scholarship*)
- Additional Computer Science courses at Boston University & Northeastern University (*work toward MS Computer Science including Assembler, Computer Architecture, C, C++, Unix, and Discrete Math*)