

JASON SILVESTRI'S 2025 RESUME

Solution Architect, Lead, Sr. Multi-Platform, Full-Stack .NET Developer

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My latest contact information is as follows:

61 Forest St.
Executive Suite #2
Middleboro, MA 02346

Cell: (508) 851-9445 Office: (508) 851-9445

Email: therealjasonsilvestri@gmail.com

EXPERIENCE

PRIMARY OBJECTIVE

As a successful & well-known Solution Architect, & Lead Sr., Multi-Platform .NET Developer, I have more than 25 years of experience, using over 40 different Desktop, Web, & Mobile technologies, IDEs, Design Patterns, Best Practices, and Development Standards, with my primary focus today creating enterprise-level, multi-platform, full-stack, web, desktop, native mobile and responsive mobile user experiences.

The company structure I look for is one with an engaging philosophy, smart & collaborative teams, and a friendly but firm culture. At the same time, I'm completely outfitted, capable, and competent to work in most environments, including "high-pressure situations", whether it be On-Site, Remotely, or in a Hybrid setting, and regardless of travel time, location, relocation, etc.

I've been told I'm surprising cool given the responsibilities I often carry, a pleasure to be around, honest, polite, and considerate of other's concerns. I also understand my career portfolio may intimate some Sr. Level Engineers. I can respect that. Most would be happy to know that I am well past the business politics, climbing ladders & self-preservation that tend to grapple most of us in your average workplace. I'm still young enough to enjoy the thrill of the hunt and absolutely love doing what I do, but also old enough to know we have a job to do. It's about pure team collaboration, regularly following and improving development standards, and being one of a team made up of individuals that are just as confident in their epic skills, as they are acknowledging their biggest weaknesses, all with the common goal to help each other succeed & grow, and to do what's best for the business.

WORK HISTORY

INCARESYS (INDEPENDENT CARE SYSTEMS INC (ICSI)) | IRVIN, TX | SOLUTION ARCHITECT, MULTI-PLATFORM ENGINEER

LONG-TERM CONTRACT | FEB 2021 - NOV 2025

My most recent responsibilities have been as the sole developer responsible for the Self Health® enterprise-level application development of the following projects:

DISCOVERY SKILLSETS

A skill or technology without at least one or more years of experience, regardless of whether I have had exposure to previous versions of the same skill and/or technology.

- Advanced A.I. Technologies
- Visual Studio (v 17.13.6)
- .NET Framework (v 9.0.1)
- ASP.NET Core (v 9.0.1)
- .NET Core Blazor (v 9.0.1)
- .Net Maui Hybrid (v 9.0.1)
- Node (v 20.14.0)
- o npm (v 10.8.1)
- Angular CLI (v 18.0.3)
- React (v 18.2.0)
- Vue (v 3.4.21)
- Vite (v 5.2.8)
- Bash (v 5.x+)
- Power shell (v 7.x+)

PRIMARY SKILLSETS

Skills & technologies I use day-to-day, from project-to-project, and perform at no less than **professional** to **expert** level efficiency.

- Azure Cloud Computing (10 yrs.)
- Visual Studio (v 17.13.6)
- .NET Framework (v 9.0.1)
- ASP.NET Core (v 9.0.1)
- Asp.NET Web API (6 Yrs.)
- Asp.NET Razor Pages (4 yrs.)
- RESTful (5 yrs.)
- MS SQL Server (14 yrs.)
- Asp.NET (C# 15 yrs. / VB 4 yrs.)
- Partial Views (7 yrs.)
- View Components (2 yrs.)
- Bootstrap (9 yrs.)
- CSS 1 3 (18 yrs.)
- Entity Framework (7 yrs.)
- HTML, XHTML & HTML5 (18 yrs.)
- LINQ (7yrs)

SELFHEALTH.CORE

Purpose: Domain-centric layer for models, validation logic, and shared service abstractions. **Highlights**

- Entities and ValueObjects representing patient, provider, and record contexts
- Central IResult<T> / ResultFactory pattern for uniform responses
- Shared configuration and constants (brand, licensing, telemetry

SELFHEALTH.ML

Purpose: Machine-Learning and analytics layer.

Highlights

- Predictive health metrics (vitals trends, adherence risk)
- ML.NET pipelines for inference
- Shared ModelRegistry.json for model versioning
- Future: integration with PaLMs{} workflow export and inference sandbox

SELFHEALTH.WEBAPI

Purpose: Public API surface; bridges Core, Data, and Presentation. **Highlights**

- ASP.NET Core 9 Minimal API controllers
- JWT + OIDC authentication
- EnvelopeValidator Web endpoints (/selfhealth/v1/envelope/*)
- Integrated Swagger / ReDoc with health checks and OpenTelemetry exporters

SELFHEALTH.DATA

Purpose: EF Core 9 data access layer.

Highlights

- DbContext per domain (Vault, Core, ML)
- Fluent configuration + migrations
- Connection factory supporting Azure SQL and SQLite fallback
- Secretless data access integration via Vault project

SELFHEALTH.VAULT

Purpose: Encrypted secrets + configuration management. **Highlights**

- AES-256 + DPAPI hybrid key store
 - Secret rotation API with audit trails
 - Optional Azure Key Vault / local JSON store bridging

- JavaScript (10 yrs.)
- jQuery (5 yrs.)
- JSON (5 yrs.)

SECONDARY SKILLS

Any technology in-which I have not used in 6-12 months, I begin to demote them, for one or more reasons, such as lack of supply-and-demand, technology, deprecation, not used in my most recent project(s), etc.

- Asp.NET 2.0 4.5 (12 yrs.),
- Asp.NET MVC (5 yrs.)
- Asp.NET Web Forms C# (10 yrs.)
- AWS (2 yrs.)
- ADO.NET (11 yrs.)
- AngularJS 1/2+ (2 yrs.)
- KnockoutJS (1 yrs.)
- TypeScript (1 yrs.)
- Gulp (1 yrs.)

DESIGN PATTERNS, STANDARDS & BEST PRACTICES

I consider Design Patterns, Standards, & Best Practices a set of disciplines that I practice aggressively, and across the board with most technological use. More importantly, they are crucial to an enterprise-level suite of desktop, mobile & web applications and/or software.

- C# (& Other Technologies) ObjectOriented Programming (8 yrs.)
- SPA Single Page Apps (2 yrs.)
- App Development Standards & Implementation (8 yrs.)
- Responsive Web Design (i.e., Mobile Friendly) (8 yrs.)
- Parallax Web/Mobile Architecting (3 yrs.)
- Multi-threaded Apps (5 yrs.)
- SaaS (5 yrs.)
- PLM (Production Lifecycle Management) (20 yrs.)

Self-signing license and environment token generator

SELFHEALTH.PRESENTATION

Purpose: Razor Class Library for dashboards and shared UI. **Highlights**

- Blazor Server components for reports and live health stats
- Shared Bootstrap 5.3 themes and icons
- Reusable layout partials (Header.md, Footer.md) mapped via DocsX

SELFHEALTH.MAUIHYBRID

Purpose: Cross-platform MAUI Hybrid app (Windows + Mobile). **Highlights**

- WebView-hybrid embedding of Blazor components
- Local offline caching + telemetry sync
- Integrates Helix/Lumina Gate for offline seed validation
- Host for SelfHealth.Halos.Maui.Shared UI modules

SELFHEALTH.UTILITIES

Purpose: Shared tooling and automation scripts. **Highlights**

- PowerShell + Node scripts for CI, normalization, tagging, and gating
- Centralized Halos Gate Toolchain entry point (lumina-gate.ps1)
- JSON schema validators and markdown processors

SELFHEALTH.DOCUMENTMANAGEMENT

Purpose: Document pipeline for markdown, PDFs, and templates. **Highlights**

- DocsX include/match processor
- Markdown → PDF/Word/HTML converters
- Future home of DocsX Mapping Validator + AA Alerts

SELFHEALTH.UNITX

Purpose: Unified testing framework.

Highlights

- xUnit test harness for Core, Data, and WebApi
- Coverage gating (≥ 95%) enforced via EnvelopeValidator
- Snapshot testing for materialized envelopes and reports

- Solution Architect (10 yrs.)
- MS SQL Server Specific 1st, 2nd & 3rd Normal Form Database Architecting (14 yrs.)
- Code Documentation (10 yrs.)

PAST SKILLS

I consider past skills & technologies deprecated technologies with respect to my particular use of them. I no longer revisit for backwards compatibility purposes, nor do I really see myself taking on new work, of any kind, with the core focus of my day-to-day responsibilities maintaining code bases of their nature. However, I will do what needs to be done if we require access to or need to modernize legacy related assets and/or projects.

- Classic Asp.NET (1 yrs.)
- Adobe Audition (1 yrs.)
- Adobe Dreamweaver (5 yrs.)
- Adobe Edge (1 yrs.)
- Adobe Flash (6 yrs.)
- Adobe Illustrator (1 yrs.)
- jQuery Mobile (1 yrs.)
- Phone Gap (1 yrs.)
- WCF (Windows Communications Foundation) (1 yrs.)
- WPF (Windows Presentation Foundation) (1 yrs.)
- Blend (for Visual Studio 2019 & 2022) (1 yrs.)
- Silverlight (1 yrs.)
- SignalR (See Blazor) (1 yrs.)
- XAML (See Blazor) (2 yrs.)
- Java (3 yrs.)
- Oracle (3 yrs.)
- PHP (3 yrs.)
- Perl (4 yrs.)
- VB.NET (4 yrs.)
- Sharepoint (2 yrs.)
- MySQL (3 yrs.)
- Web Services (3 yrs.)
- SOAP (3 yrs.)
- UX, and wireframing (3 yrs.)

RCS (RED CURVE SOLUTIONS, INC.) | BEVERLY, MA | SOLUTION ARCHITECT, LEAD SR. WEB SOFTWARE ENGINEER

FULL-TIME | JUN 2018 - FEB 2021

Engaged with Red Curve Solutions in Beverly, MA, as the Lead Sr. Web Software Engineer. Took on a unique role as a contractor transitioning to a permanent position, leading the internal Development Team in a company previously outsourcing all software projects. Key accomplishments include spearheading the creation of a suite of software products, notably the flagship product Vortex 2.0, using Azure / Cloud, DevOps, VSTS (Teams Foundation), HTML5, CSS3, Asp.NET Core 1 – 2.8, MVC (C# & Razor), jQuery, JavaScript, Bootstrap, Entity Framework, SQL Server, Web Services, Web APIs, JSON, and Photoshop.

Developed and maintained custom accounting software exclusively managing campaign proceeds for the United States Republic Party over the past decade. Worked with prominent clients including Governor Charlie Baker, Senator Mitt Romney, and former President Donald J. Trump.

Served as Lead Sr. Web Software Developer for almost 3 years. Currently on-call for knowledge sharing sessions and emergencies, maintaining a work laptop. Objectives are complete, and new clients or employers are the current priority.

OPTUM / UHG / DOVETAIL HEALTH | WALTHAM, MA | SR. SOFTWARE ENGINEER

4 x EXTENDED CONTRACT | JAN 2017 - MAR 2018

Collaborated with Optum / UHG / Dovetail Health in Waltham, MA, as a Sr. Software Engineer. Worked on HIPAA-compliant healthcare software using AWS / Cloud, HTML5, CSS3, .NET 4.5 - 4.6.1, MVC (C# & Razor), jQuery, JavaScript, Bootstrap, Entity Framework, SQL Server, Web Services, Web API, AngularJS, JSON & Photoshop. Extended my contracted term with five extensions, contributing to a successful merger & acquisition effort.

TOPPLER™ | MANSFIELD, MA | LEAD DESIGNER, CLIENT-SIDE DEVELOPER, SERVER-SIDE DEVELOPER

4 x EXTENDED CONTRACT | MAR 2016 - JAN 2017

Led design, client-side development, server-side development, and SQL Server/Entity Framework architecture for my own product, Toppler™, located in Mansfield, MA. Utilized Azure Cloud, HTML5, CSS3, .NET 4.6.1, MVC (C# & Razor), jQuery, Entity Framework, SQL Server, Web Services, Web API, AngularJS. Raised over \$32,000 in funding and managed all aspects of graphic design, UX, UI, client-side, server-side, and database architecture.

SOURCE CONTROL

My primary forms of Source Control are as follows:

- Git
- DevOps (VSTS, Teams Foundation)
- I have experience with TortoiseSVN.

PROJECT MANAGEMENT (SCRUM) TYPES

How teams handle Project Management Styles, Tasks and/or tickets vary. I am completely outfitted, capable and competent using the Project Management Styles that follow:

- Scrum
- Waterfall
- Agile
- PLM Tiles (a.k.a., Tiles™)

LOCATION TYPES

I have a history of extensive travel, spending prolonged periods on client sites or with the team, fostering strong interpersonal connections.

- on-Client-Site (a.k.a., On Site)
- Remotely
- Hybrid

LOCATION / RELOCATION

Optimal for me would be a position situated near my current location, although I am certainly amenable to the possibility of traveling or relocating for the right opportunity.

AESC | NORTH ATTLEBORO, MA | SR. SOFTWARE ENGINEER

SHORT-TERM CONTRACT | DEC 2015 - FEB 2016

Worked with AESC in North Attleboro, MA, as a Sr. Software Engineer. Led the development of the new Utility Cloud custom CMS web application using HTML5, CSS, JavaScript, Asp.NET 4.5.2, Entity Framework, JSON, Bootstrap & jQuery.

TRIP ADVISOR | NEEDHAM, MA | SR. WEB SOLUTION ARCHITECT & SR. WEB APPLICATION DEVELOPER

SHORT-TERM CONTRACT | AUG 2015 - SEP 2016

Provided emergency assistance to Trip Advisor in Needham, MA, as a Sr. Web Solution Architect & Sr. Web Application Developer. Contributed expertise in HTML5, CSS, JavaScript, Bootstrap, Asp.NET 4.5.2, ADO.NET, and SQL Server.

DASSAULT SYSTEMES | WALTHAM, MA | SR. WEB SOLUTION ARCHITECT & LEAD SR. WEB APPLICATION DEVELOPER

4 x EXTENDED CONTRACT | AUG 2014 - APR 2015

Led front-end development and web architecture for the 1.2 million user R&D project, 3DCONTENTCentral, at Dassault Systemes in Waltham, MA. Employed HTML5, CSS, JavaScript, Bootstrap, jQuery, and other JavaScript-based solutions.

PRINCESS HOUSE | TAUNTON, MA | SR. WEB SOLUTION ARCHITECT & WEB APPLICATION DEVELOPER

SHORT-TERM CONTRACT | MAR 2014 - MAY 2014

Filled a 2-month maternity leave position at Princess House in Taunton, MA, as a Sr. Web Solution Architect and Web Application Developer. Programmed updates to CMS systems using Asp.NET, HTML, CSS & JavaScript client-side markup.

OPSEC SECURITY | BOSTON, MA | SR. WEB SOLUTION ARCHITECT & SR. WEB APPLICATION DEVELOPER

3 x EXTENDED CONTRACT | JAN 2013 - SEP 2013

Collaborated with OpSec Security in Boston, MA, as a Sr. Web Solution Architect and Sr. Web Application Developer. Co-developed anti-counterfeiting software for smartphones, tablets, and desktop computers for brands such as NFL, NHL, WWE, and Rovio.

Current Location:

Middleborough, Massachusetts

Relocation:

(Min \$6K+ Relocation Package).

Additional incentives may be necessary for any alternative location relocation within the United States. However, it's important to note that relocation is not an absolute prerequisite.

LANGUAGES

English

EDUCATION

Stoughton, Academy, Stoughton, MA.

CLASS OF 98, DIPLOMA

Over 20 years in the field, working with some of the best Startups and Fortune 500s in the World.

PROOF OF WORK

Much of what I have done for business is classified confidential & often bound by NDAs. I do still have my personal multi-platform brand applications, and open-source projects available on GitHub.

Personal BETA v 2025

- <u>iSilvestri.com</u>
- Advanced A.I. Technologies

My GitHub Projects

ZETA INTERACTIVE | MANASQUAN, NJ | SR. WEB SOLUTION ARCHITECT & SR. WEB APPLICATION DEVELOPER

5 x EXTENDED CONTRACT | OCT 2011 - SEP 2012

Contributed to website interfaces for Union Bank®, co-developed core web applications for Botox® Cosmetic, and worked on business proposals for STIHL at Zeta Interactive in Manasquan, NJ, as a Sr. Web Solution Architect & Sr. Web Application Developer using Asp.NET HTML5, CSS2, and JavaScript.

INVACARE | MILFORD, MA | SR. WEB MICROSOFT .NET SOFTWARE ENGINEER

2 x EXTENDED CONTRACT | FEB 2011 - JUL 2011

Developed .NET 3.5, Ajax-enabled web applications from scratch for Invacare in Milford, MA. Responsibilities included building client-side interfaces, graphic design modifications, and SQL Server database architecture.

LIGHTGATE STUDIOS | HENDERSON, NV | INTRUM CTO.

3 x EXTENDED CONTRACT | MAY 2010 - FEB 2011

Light Gate Studios, Inc., a Full-Service Digital Graphics Design & Web Development startup company in Henderson, NV. Served as the CTO, contributing expertise in HTML, CSS, JavaScript, PHP, .NET, SQL Server, MySQL, and more.

PLMIC, LLC | MIDDLEBORO & MANSFIELD, MA | JR. WEB DEVELOPER, PROJECT MANAGER

FULL-TIME | JAN 2009 - JAN 2006

Co-developed over 100 advertising solutions for PLM advertisers, utilizing Asp.NET, SQL Server database, and client-side applications.

LIFE CYCLE SOLUTIONS | AVON, MA | SR. PLM CONSULTANT, PROJECT MANAGER, JR. WEB DEVELOPER

FULL-TIME | DEC 1999 - APR 2007

Managed cross-functional teams, developed a medium-sized business Intranet application for MKS Instruments in Asp.NET 2.0, worked in PLM consulting & system integration with products such as PTC's Windchill & MatrixOne, and codeveloped a proof-of-concept Aras deployment.

Check out my suite of over a dozen, totally free, open source, enterpriselevel Projects!

- <u>ISopX.OpenProjectX</u>
- ISopX.AngularCore
- <u>ISopX.ReactCore</u>
- ISopX.VueCore
- <u>JSopX.AspNetCore</u>
- JSopX.MauiHybridNetCore
- JSopX.BridgeTooFar
- JSopX.ClassLibrary
- JSopX.WebAPI
- JSopX.SharedResources
- <u>JSopX.RCLxAssets</u>
- ISopX.RCLxProper
- ISopX.RCLxComponents

My GitHub Technology

I update GitHub with the latest Technology versions in my projects!

- Visual Studio (v 17.13.6)
- .NET Framework (v 9.0.1)
- ASP.NET Core (v 9.0.1)
- .NET Core Blazor (v 9.0.1)
- Net Maui Hybrid (v 9.0.1)
- Node (v 20.14.0)
- o npm (v 10.8.1)
- Angular CLI (v 18.0.3)
- React (v 18.2.0)
- Vue (v 3.4.21)
- Vite (v 5.2.8)
- Bash (v 5.x+)
- Power shell (v 7.x+)