

James Stinson-Cerra

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Staff Software Engineer | Tech Lead

Staff-level Software Engineer and Tech Lead with more than six years of experience designing, modernizing, and supporting enterprise software across C#, ASP.NET, SQL, JavaScript/TypeScript, React, and WinUI. Experienced in incremental legacy modernization, full-stack product development, REST API design, deployment tooling, and technical leadership across web, desktop, and platform systems.

Professional Experience

enLabel Global Services

Boston, MA

Staff Software Engineer | Tech Lead

December 2023 – Present

- Architected a React integration strategy for legacy ASP.NET Web Forms applications, enabling new React features to ship inside existing products while supporting incremental modernization.
- Developed modular React client sites using a custom component library and client-managed CSS, establishing a reusable modernization path across legacy ASP.NET products.
- Led cross-functional development for enLabel's flagship SaaS platform, mentoring engineers and delivering customer-facing features.

Senior Software Engineer

September 2019 – November 2023

- Expanded a REST API suite to support authenticated callbacks with customizable request payloads.
- Built a .NET Framework Windows Service for remote deployment, upgrades, and client-server configuration over SSL-authenticated TCP connections.
- Built an HTML5/JavaScript image viewer supporting server- and client-side rendering, image manipulation, and printing.

Intern

June 2017 – August 2019

- Contributed to ASP.NET Web Forms, WinForms, MFC, Web API, and TestComplete automation projects.

Northeast Coating Technologies

Kennebunk, ME

Independent Contractor – Product Engineer

2021, 2026

Pixosight: microscope-measurement desktop app and companion licensing, portal, billing, and release platform.

- Modernized the product from UWP/CamMeasure to WinUI 3 with calibration-aware tools, project workflows, export, and DirectShow camera support.
- Architected ASP.NET Core platform services for multi-tenant organization and seat-based licensing, signed offline leases, EF Core/PostgreSQL persistence, customer and administrator React portals, Stripe billing, and admin operations.
- Designed and implemented release infrastructure with GitHub Actions CI/CD, containerized staging deployments on DigitalOcean, Azure Artifact Signing, MSIX installer bundles, and reproducible Hyper-V test environments.

Skills

Languages	C#, SQL, JavaScript/TypeScript, Java, Python
Frameworks	.NET, ASP.NET Core, ASP.NET Web Forms, Web API, WinUI 3, React
Platforms	SQL Server, PostgreSQL, Azure, AWS, DigitalOcean, Stripe
Tools	Git, GitHub Actions, Docker, Jenkins, IIS, PowerShell, Hyper-V

Education

Wentworth Institute of Technology	Boston, MA
Bachelor of Science, Computer Science	2015 – 2019

Courses

Databases, Security, Parallel Computing, Image Processing