

# Steve Ackley

## STAFF SOFTWARE ENGINEER

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### PROFESSIONAL SUMMARY

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Results-driven Staff Software Engineer at Lockheed Martin with 12+ years of enterprise software experience across defense, energy, and healthcare sectors. Deep specialization in the Microsoft technology stack including C# / .NET 10, ASP.NET Core, SQL Server, Azure, and Angular. Proven track record architecting and delivering mission-critical systems under strict quality and compliance standards. Certified SOA Architect with demonstrated ability to lead cross-functional engineering teams, drive coding standards, and deliver on time at scale.

### WORK EXPERIENCE

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**Lockheed Martin** — Shelton, CT

*December 2020 – Present*

*Staff Software Engineer (May 2022 – Present)*

Spearheaded ground-up development of a web-based Interactive Electronic Technical Manual (IETM) platform for the F-16 fighter aircraft, modernizing legacy documentation workflows with a browser-native, containerized solution.

Maintained a 95% on-schedule delivery rate across multiple release cycles while consistently meeting defense-grade quality thresholds.

Established and enforced structured code review processes that drove a 50% reduction in post-merge defects across the engineering team.

**Stack:** Angular, ASP.NET Core, C#, AWS, Node.js, PostgreSQL, SQLite, Docker, GitLab CI/CD

*Senior Software Engineer (December 2020 – May 2022)*

Architected and delivered a disconnected desktop-based IETM application for the HH-60W Combat Rescue Helicopter with real-time bidirectional synchronization to cloud-hosted USAF IMDS infrastructure via SymmetricDS.

Scaled cross-functional ownership by leading a 10-engineer team, consistently exceeding performance benchmarks and driving a 20% productivity uplift quarter-over-quarter.

Authored engineering coding standards and documentation adopted across a shared 30-engineer monorepo, reducing onboarding friction and improving consistency.

**Stack:** WPF, C#, XAML, SQL Server, SQLite, SymmetricDS, Jenkins, Bitbucket, Azure

**Flexi Software** — Shelton, CT

*July 2020 – December 2020*

*Software Architect*

Designed and delivered a cloud-hosted SaaS license authorization and distribution platform from concept to production, serving as the sole principal engineer on system architecture.

Produced comprehensive technical specifications from raw business requirements, coordinating a globally distributed team of 15+ engineers across three office locations, two countries, and two time zones.

**Stack:** ASP.NET Core, C#, Azure, Azure DevOps, C++, WPF

**Sila Solutions Group** — Shelton, CT

September 2016 – July 2020

*Sr. Specialist, Software Engineering & Integration, DevOps*

Embedded consulting engineer at Lockheed Martin / Sikorsky Aircraft, contributing to mission-critical IETM software for the HH-60W Combat Rescue Helicopter across a multi-year engagement.

Introduced and drove agile development practices across the team, resulting in a measurable 15% improvement in team throughput and delivery predictability.

**Stack:** WPF, C#, XAML, SQL Server, SQLite, SymmetricDS, Jenkins, GitLab

**Emerson Process Management** — Watertown, CT

May 2014 – September 2016

*.NET Developer / Junior Developer*

Owned ongoing maintenance and feature development for Catapult, a proprietary Enterprise Asset Management (EAM) platform serving oil and gas reliability consulting clients.

Engineered a RESTful Web API service integrated into every Catapult installation, and architected a KPI analytics web application using MVC5, Entity Framework, Bootstrap, and n-tier architecture patterns.

**Stack:** C#, ASP.NET MVC, Web API, SQL Server, WinForms, Entity Framework, jQuery, Bootstrap

**SMC Partners, LLC** — Healthcare Consulting

January 2013 – June 2014

*Computer Programmer / Analyst*

Delivered healthcare technology consulting across multiple clients. Led development of a modern C# / ASP.NET web application replacing a legacy VB6 QA auditing system at Connecticare (CT), implementing bit-mask role-based security and stored procedure-driven data access.

Supported data warehouse implementation and SSRS report rationalization at Hometown Health (NV), consolidating a fragmented reporting estate by 40% while improving accuracy and maintainability.

**Stack:** C#, ASP.NET, WCF, SQL Server, SSRS, jQuery, AJAX

## TECHNICAL SKILLS

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<b>Microsoft Backend</b>	C# / .NET 10, ASP.NET Core, Web API, WPF, XAML, ML.NET, Entity Framework Core, SignalR
<b>Data &amp; Reporting</b>	SQL Server (advanced T-SQL), SSIS, SSAS, SSRS, Tableau, PostgreSQL, SQLite, Data Warehousing
<b>Cloud &amp; DevOps</b>	Azure (App Service, Functions, Service Bus, Key Vault, AKS), Azure DevOps, AWS, Docker, Kubernetes, Jenkins, GitLab CI/CD
<b>Frontend</b>	Angular (primary), TypeScript, React / Next.js, CSS, SCSS, Bootstrap, Tailwind CSS
<b>Architecture</b>	SOA, Microservices, Clean Architecture, DDD, REST, WCF, SymmetricDS, Disconnected Systems
<b>Tools</b>	Git, GitHub, GitLab, Bitbucket, Jira, Scrum / Agile, xUnit, NUnit, C++, Node.js

## CERTIFICATIONS

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**Certified SOA Architect**

*Arcitura Education — 2018*

**Microsoft Technology Associate (MCPS — Software Development)**

*Microsoft — 2014*

## EDUCATION

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**Central Connecticut State University** — New Britain, CT

2016

*Bachelor of Science, Computer Science — Minor: Management Information Systems*

