

DANIEL ANDERSEN: SOFTWARE ENGINEER - C# / .NET CORE

Fort Worth, TX 76132 ▪ d.andersen6677@gmail.com ▪ (817) 897-0932
www.linkedin.com/in/daniel-andersen-dev ▪ <https://danieldrivendesign.com/>

PROFILE SUMMARY

Versatile Software Engineer with 7+ years of hands-on experience modernizing legacy codebases into modular, cloud-ready systems. Expert in C#/.NET Core back-end services and React front-ends; adept at architecting microservice ecosystems, automating CI/CD, and enforcing SOLID principles. Passionate about clean code, scalable design patterns, and relentlessly reducing friction between idea and production.

CORE COMPETENCIES

C#, ASP.NET Core, Web API, React.js, TypeScript, Entity Framework Core, SQL Server, Azure DevOps, CI/CD, Git, Microservices, Design Patterns, SOLID, Domain-Driven Design, Playwright, xUnit, PowerShell, Python

PROFESSIONAL EXPERIENCE

FALKON SOLUTIONS | Frisco, TX

July 2024 - Present

SOFTWARE ENGINEER

- Led architecture and development of a 12-service ASP.NET Core microservice platform and React SPA supporting daily operations for 200+ field technicians, reducing ticket dispatch time by 30%.
- Defined service boundaries, created detailed flow maps, and championed SOLID principles and DDD across C# and React codebases, accelerating feature delivery from bi-weekly to weekly.
- Built high-availability Ignition dashboards monitoring 30+ algae-harvesting devices; achieved 99.9% uptime during harvest season.
- Re-engineered mission-critical WinForms/VB.NET monolith into modular .NET 8 services with React UI, eliminating desktop deployments and enabling one-click releases through Azure DevOps.
- Implemented Azure DevOps pipelines with gated builds, automated xUnit, and Playwright test suites, reaching 85% unit-test coverage and supporting zero-downtime deployments.

PROPERTY DAMAGE APPRAISERS | Benbrook, TX

July 2017 - July 2024

SYSTEMS ADMINISTRATOR

- Conducted comprehensive penetration tests and remediated OWASP Top-10 vulnerabilities, reducing external audit findings by 80%.
- Automated server provisioning, log collection, and routine maintenance via PowerShell, Python, and Bash, saving ~10 engineer hours per week.
- Deployed and managed hybrid Windows/Linux infrastructure and SIEM (PRTG) with Symantec EP, improving incident response time by 40%.
- Partnered with the development team to build isolated test environments and implement CI/CD pipelines for .NET web applications, shortening release cycles from quarterly to monthly.

TRAINING & CERTIFICATIONS

eJPT – eLearnSecurity Junior Penetration Tester Certified, December - 2019

eCPPT -eLearnSecurity Professional Penetration Tester Certified, April - 2020