

Casey Spaulding

Full Stack Engineer | C# / .NET · Angular · PostgreSQL · Docker · Applied AI

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SUMMARY

Full stack engineer with 7 years building production applications end to end — API design, single-page front ends, deployment, testing, and monitoring. Deep C#/.NET and Angular experience across federal, financial, and commercial systems, plus production LLM and document-intelligence work. 21-year Navy veteran, Chief Petty Officer (Ret.). MS in Computer Science, AI specialization.

TECHNICAL SKILLS

Languages: C#, TypeScript, JavaScript, SQL, Python

Backend: .NET 8/10, ASP.NET Core, Minimal APIs, REST, EF Core, Hangfire, background job processing

Frontend: Angular, React, TypeScript, single-page application architecture, Tailwind CSS

Data & Infra: PostgreSQL, SQL Server; Docker, Caddy, self-managed Linux VPS; AWS (Lambda, Cognito, S3), Azure OCR

Practices: CI/CD, Git, automated acceptance and integration testing, code review, application profiling, architecture documentation

Applied AI: LLM integration, agentic tool-use, MCP, retrieval architectures, document intelligence, human-in-the-loop design

EXPERIENCE

.NET Full Stack Engineer — Priority One Financial Services

February 2026 – Present | Orlando, FL

- Modernizing legacy backend services into .NET Minimal APIs paired with Angular single-page front ends.
- Build and maintain microservices supporting financial services workflows in a regulated environment.

Founder & Full Stack Engineer — DocJacket

April 2025 – Present | Kissimmee, FL

Sole engineer on a production AI SaaS platform for document-driven real estate workflows, used by 230+ users.

- Designed and built the full stack: .NET Minimal API, PostgreSQL, and an Angular front end, all in Docker containers behind Caddy on a Linux VPS I manage myself.
- Built a hybrid document pipeline (PDFPig for digital, Azure OCR for scanned) that cut per-document cost ~85% versus the managed service.
- Reduced LLM token consumption 30–40% by adding a regex preprocessing layer ahead of model calls.
- Implemented a Hangfire-backed distributed job system for scheduled monitoring, reminders, and compliance scans.
- Maintain a 140+ test acceptance suite and manage major SDK version migrations and breaking changes.

.NET Full Stack Engineer — Accenture Federal Services

December 2023 – February 2026 | Remote (USDA contract)

Modernized applications on USDA's farmers.gov platform, used by 5,000+ federal employees.

- Led the rewrite of a legacy WebForms application into an Angular single-page front end backed by a .NET 8 API on AWS Lambda.
- Integrated AWS Cognito with federal eAuth for identity and access management.
- Improved application performance 25% and reduced AWS costs through caching strategies.
- Mentored 4 developers and ran 20+ code reviews monthly, contributing to a 30% reduction in defects.
- Authored 15+ architecture diagrams; delivered 10+ high-priority features ahead of schedule.

.NET Full Stack Developer — BlueJackett Systems (Consulting)

April 2019 – December 2023 | Orlando, FL

- Built custom applications and RESTful APIs for small business clients in C#/.NET, Blazor, and Angular on Azure.
- Designed data processing pipelines and automated testing frameworks; owned delivery end to end.

NJROTC Instructor & CyberPatriot Coach — San Diego Unified School District

August 2019 – May 2021 | San Diego, CA

- Coached a student cybersecurity team to National Finals qualification in the 2020 CyberPatriot competition.

Chief Petty Officer (Ret.), Director of Training & Development — United States Navy

June 1998 – June 2019

- Led technical training programs for 50+ personnel and managed four regional offices.

EDUCATION

M.S., Computer Science (AI Specialization) — Western Governors University, 2025

B.S., Software Engineering — Western Governors University, 2024

B.S., Business — Marylhurst University, 2010

CERTIFICATIONS & CLEARANCE

AWS Certified Machine Learning – Specialty · AWS Certified AI Practitioner · Secret Clearance · Public Trust