Evan Williams

Software Engineer | DevSecOps | Cloud
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US citizen, USMC veteran, able and willing to obtain a security clearance

SUMMARY

Software engineer with 4+ years of professional experience building secure, data-driven applications in C#/.NET, currently delivering a DoD certification platform for the U.S. Air Force (AFCEC). Works across ASP.NET Core, SQL Server stored procedures, EF Core, role-based access control with LDAP/CAC, xUnit unit testing, and containerized delivery on Iron Bank hardened images. AWS Certified DevOps Engineer - Professional and CompTIA Security+ with hands-on CI/CD and Infrastructure as Code on AWS. Previously built APIs for cloud-based case management software at Bonterra with C#/.NET and AWS API Gateway. Also trained in Java and Spring Boot, and uses AI-assisted development with Cursor while personally reviewing all generated code.

TECHNICAL SKILLS

- **Backend:** C#, .NET 10, ASP.NET Core MVC, EF Core / ASP.NET Core Identity, API development, AWS API Gateway, OOP, unit testing (xUnit, Arrange-Act-Assert)
- **Java:** Java SE/EE (Servlets, JSP), Spring Boot, Spring Security, Spring Data JPA, Thymeleaf, Maven, JUnit, TDD (training and projects)
- **Data:** SQL Server (schemas, parameterized stored procedures), MySQL, DynamoDB, Aurora
- **DevOps & Delivery:** Docker (multi-stage builds, Iron Bank UBI images), Jenkins, GitHub Actions, AWS CodePipeline / CodeBuild, Terraform, CloudFormation, Git / GitHub, Trivy, Conftest / OPA, Syft SBOM, Dependabot
- **AWS:** Lambda, API Gateway, S3, DynamoDB, IAM, Cognito, CloudWatch, Elastic Beanstalk, Amplify, AppSync, Bedrock
- **Security:** RBAC, LDAP / CAC authentication, least privilege, secure SDLC, SQL injection and XSS remediation, STIG-oriented logging, HTTPS / TLS
- **Other:** JavaScript, React, Node.js, Python, HTML / CSS; Agile / Scrum; AI-assisted development (Cursor cloud agents)

EXPERIENCE

Software Engineer | BALGRO LLC, San Antonio, TX — Oct 2025 - Present
DoD Fire & Emergency Services Certification Program (DODFESCP) for AFCEC, U.S. Air Force

- Build the DODFESCP backend and web application in ASP.NET Core MVC (.NET 10), replacing a SharePoint and ad-hoc PDF workflow with managed student records, certification assignment, transcripts, and official printable certificates.
- Implement the data layer with SQL Server parameterized stored procedures and EF Core / ASP.NET Core Identity for Certification, Accreditation, Venue, and related entities.
- Deliver role-based access control (groups, roles, page permissions) with LDAP and CAC-style authentication, cookie sessions, security-stamp invalidation, session limits, STIG-oriented HTTP logging, and HTTPS.
- Write xUnit unit tests for business rules using the Arrange-Act-Assert pattern to enforce certification logic and prevent regressions.
- Implement multi-template PDF generation (PDFsharp / MigraDoc) for certificates and transcripts, including date-based signatures, seal numbers, and single-document packages.
- Containerize for DoD deployment with multi-stage Docker builds on Iron Bank hardened UBI .NET images, Kestrel TLS, AWS RDS certificates, health checks, and environment-based configuration and secrets.
- Use AI-assisted development with Cursor in day-to-day engineering work.

Associate Software Engineer | Bonterra, Austin, TX — Mar 2022 - Jan 2025

- Built APIs for cloud-based case management software using C#/.NET and AWS API Gateway.
- Developed the Family Referrals feature in C#/.NET.
- Implemented file attachment handling with AWS Lambda and Amazon S3.
- Remediated penetration test findings, fixing SQL injection and cross-site scripting (XSS) vulnerabilities.
- Streamlined Jenkins CI/CD pipelines with automated testing and delivery.

- Diagnosed and resolved a long-standing data retrieval issue, improving operational performance.
- Performed code reviews, mentored peers, authored technical documentation, and collaborated in Agile sprints.

Associate Software Engineer | Social Solutions (Bonterra predecessor), Austin, TX Oct 2021 - Mar 2022

- Contributed to case management product development in C#/.NET ahead of the Bonterra transition.

Ground Support Equipment Manager / Maintainer | United States Marine Corps Nov 2013 - Mar 2018

- Maintained and managed aircraft ground support equipment, including during Marine Expeditionary Unit deployment operations; trained fellow maintainers and supported high-tempo mission readiness.

PROJECTS

- **AWS Productized Services (agentic AI workflow):** Directed Cursor cloud coding agents to open pull requests, then personally reviewed and merged 5 of them, adding a Terraform secure S3 module, Trivy and Conftest/OPA policy gates, GitHub Actions pinned to commit SHAs, Dependabot, a Syft SBOM, and a CI matrix. github.com/EvanInTech/aws-productized-services
- **TopTeer:** Codeup capstone volunteer and event coordination app with custom data models for event coordination; Spring Boot, Spring Security, Java, JavaScript, MySQL. github.com/topteer/topteer-capstone
- **Spring Blog (2021):** Spring Boot 2.5.2 / Java 11 web app with Spring Data JPA, Spring Security, Thymeleaf, MySQL, JUnit integration tests, and Maven builds (spring-boot-maven-plugin). github.com/EvanInTech/springblog
- **AI Recipe Generator:** Serverless app using Amazon Bedrock (Claude 3 Sonnet), Amplify, Lambda, AppSync GraphQL, and Cognito.

CERTIFICATIONS

- AWS Certified DevOps Engineer - Professional (2025)
- CompTIA Security+ (SY0-701) (2026)
- AWS Certified Developer - Associate (2025)

EDUCATION & TRAINING

- Codeup, 22-week Full-Stack Java Career Accelerator (670 hours), Mar 2021 - Sep 2021: Java SE/EE (Servlets, JSP), Spring, MySQL, Thymeleaf, OOP, TDD
- San Antonio College, 60 credit hours toward a B.S. in Mathematics, 2018 - 2020