

AUSTIN PATTERSON

Milwaukee, Wisconsin



PROFESSIONAL SUMMARY

Software engineer and certified Scrum Master with four years building and modernizing enterprise .NET and Angular applications. Passionate about team success and the intersection of people and technology. Budding AI wizard. Excited to try new things!

SKILLS

- **Languages:** C#, JavaScript, TypeScript, SQL / T-SQL, HTML, CSS
- **Frameworks & Libraries:** .NET / .NET Core (through .NET 8), ASP.NET (Web Forms & MVC), .NET Web APIs, Entity Framework / EF Core, Angular, RxJS, Knockout.js, jQuery
- **Data:** MS SQL Server, MySQL, Entity Framework / EF Core, stored procedures, schema migrations
- **Cloud & DevOps:** Azure, Azure DevOps, TFS, CI/CD, release & migration management
- **Security:** Veracode (SAST), flaw remediation, penetration testing (Kali Linux), Linux / OS hardening
- **Practices & Methodologies:** Agile, Scrum, domain-driven design, code review, cross-functional team leadership, SaaS / multitenant architecture
- **Tools:** Visual Studio, Git, SSH, Claude Code, Copilot
- **Certifications:** Professional Scrum Master I (PSM I) - Scrum.org (Jul 2025)

EXPERIENCE

Software Engineer *CentralSquare* *OCT 2025 - Present*

- Engineer on a mission-critical public-safety platform used by 911 dispatchers, police officers, fire fighters, and EMS to dispatch, document, and track incidents across desktop and mobile.
- Deliver features, enhancements, and fixes for enterprise agency customers within a large, highly configurable software ecosystem.

Full-Stack Software Engineer *New World Now* *MAR 2022 - SEP 2025*

Associate Full-Stack Software Engineer *JAN 2024 - SEP 2025*

- Led cross-functional teams delivering domain-driven solutions for multiple state clients concurrently.
- Upgraded Entity Framework / EF Core with code generation as part of a .NET Framework 4 to .NET 8 modernization.

PROFILE – AUSTIN PATTERSON

- Transitioned the Resource & Referral (R&R) product to a multitenant Git codebase and instituted formal release and migration procedures.
- Presented R&R at a national conference, securing a new client.
- Contributed to the public-facing North Dakota CARE program search, letting guardians find providers by rates, classroom openings, and specialized services.

Application Developer JUN 2023 - JAN 2024

- Incrementally rewrote legacy ASP.NET / Knockout.js web forms into a modern Angular + .NET Web API architecture.
- Enhanced the platform's security posture by directing Veracode-driven flaw remediation across teams.
- Accelerated cross-team collaboration and efficiency by establishing new channels for coordination.

Software Development Intern MAR 2022 - MAY 2023

- Delivered foundational full-stack features for Insight's Quality Rating & Improvement System (QRIS).
- Demonstrated increments and hosted reviews for audiences of varied technical ability.
- Built proficiency across the full stack - C#, .NET Core, Angular, and SQL - on a production SaaS platform.

Technology: C#, .NET / .NET Core, ASP.NET, .NET Web APIs, Angular, TypeScript, Knockout.js, Entity Framework / EF Core, MS SQL Server, MySQL, Azure DevOps, Agile / Scrum

Leonardo DRS MAY 2020 – NOV 2020

Senior Technical Intern – Refresh HMI Dashboard

- Researched leading front-end frameworks through tech spikes, evaluated them against prioritized requirements, and presented an analysis and recommendation that stakeholders adopted.
- Rebuilt the HMI as an Angular single-page app, iterating through visual mockups and semi-functional prototypes to demonstrate enhancements.
- Configured a locked-down Ubuntu kiosk OS that limited the machine to the single-page web app.
- Established a secret, secure maintenance account reachable only via protected hardware connection or SSH-over-LAN, and proved its security with Kali Linux penetration testing.
- Delivered a customized OS image with detailed installation documentation to the hardware vendor for pre-imaging each unit before onsite arrival.

Technology: Angular, Ubuntu / Linux, Kali Linux, SSH, jQuery

EDUCATION

Milwaukee School of Engineering | B.S., Software Engineering 2018 - 2023