

# Mason Wester

Full-Stack Developer | Data Analyst

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## Technical Skills

**Languages:** C#, Python, JavaScript (ES6+), HTML, CSS, SQL, Node.js

**Frameworks & Libraries:** ASP.NET Core, Django, Razor Pages, React, FastAPI, Bootstrap, TailwindCSS, Entity Framework Core

**Databases:** SQL Server, PostgreSQL, SQLite, MongoDB, Azure SQL

**Data & Analytics:** Pandas, NumPy, scikit-learn, Power BI, Tableau, RapidMiner, ETL Pipelines, Data Cleaning, Predictive Modeling, Machine Learning, Data Visualization

**DevOps & Tools:** Git, GitHub, VS Code, Visual Studio, Azure DevOps, GitHub Actions, Docker, REST APIs, CI/CD, Windows, Linux

**Practices:** Agile / Scrum, Test-Driven Development (TDD), Version Control, UML Design, Technical Documentation, Code Review, Unit Testing

**Additional:** Cloud Computing, Cybersecurity Fundamentals, Authentication (JWT, Identity), Project Management, Business Analytics Strategy

## Education

**West Texas A&M University** – M.S., Computer Information Systems & Business Analytics Exp. 2027

**West Texas A&M University** – B.B.A., Computer Information Systems 2023-2025  
• Dean's List (2023–2024)

**Amarillo College** – A.S., Business Administration 2021-2023

## Projects

**Lights Out F1 - Formula 1 Explorer** | *React, FastAPI, TailwindCSS, Python, REST APIs*

-Built a real-time Formula 1 data explorer integrating the Ergast API for race and telemetry analytics across 1,000+ race records.

-Delivered interactive dashboards and Recharts visualizations with a 40% faster data load time through optimized Python data pipelines.

**TalentScope AI – Smart Resume Analyzer** | *React, Vite, TailwindCSS, Zustand, OpenAI API*

-Engineered an AI-driven resume analyzer that evaluated 200+ resumes for ATS keyword alignment and formatting accuracy.

-Automated keyword scoring and feedback through OpenAI integration, reducing manual review time by 60%.

**Dwellify – Real Estate Portal** | *React, TailwindCSS, FastAPI, PostgreSQL*

-Developed a front-end real estate web portal with secure user login/logout and responsive property listing pages.

-Integrated FastAPI for authentication and data handling, improving form submission reliability and user experience.

**Hospital Database Management System** | *C#, Razor Pages, SQL Server, Entity Framework Core*

-Designed a secure hospital management platform with modules for patients, staff, and inventory management.

-Implemented role-based access control and optimized SQL queries, improving page load times by 45%.

## Professional Experience

**Ardent BSA – Amarillo, TX** | *Level 3 Security Supervisor* |

August 2021 – Present

- Supervise 20+ person team; optimize scheduling, training, and incident response efficiency.

- Authored onboarding and compliance manuals that improved audit accuracy by 25%.

- Manage SharePoint security systems enhancing document workflow and communication.

**Army National Guard** | *Infantry Team Leader (I1B)* |

2015 – 2021

- Directed logistics and team operations during domestic and international deployments.
- Trained and mentored team members achieving 100% mission readiness and equipment accountability.

## Leadership & Certifications

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**Scrum Team Lead** – *WTAMU Software Systems Development*

(Spring 2025)

- Led a 4-person Agile Scrum team through full project lifecycle from backlog creation to deployment.
- Facilitated sprint planning, stand-ups, and retrospectives using Agile principles.

### Professional Certifications

- **Agile Project Management** – Google (Mar 2025)
- **Generative AI: Elevate your Software Development Career** – IBM (Dec 2025)
- **Cybersecurity Capstone: Breach Response Case Studies** – IBM (Dec 2024)
- **Tools for Data Science** – IBM (May 2024)
- **Data Science Methodology** – IBM (May 2024)
- **What Is Data Science?** – IBM (May 2024)
- **Introduction to Cloud Computing** – IBM (May 2024)
- **Introduction to Networking and Storage** – IBM (May 2024)
- **Introduction to Cybersecurity Careers** – IBM (May 2024)
- **Responsive Web Design** – freeCodeCamp (Sep 2024)