PRESTON MARSTON

AI SOFTWARE DEVELOPER | AI INTEGRATION SPECIALIST | TECHNOLOGY PROJECT LEAD

Northville, Michigan • [Professional Email] • [Phone Number] • linkedin.com/in/preston-marston

PROFESSIONAL SUMMARY

Emerging AI software developer and AI integration specialist with hands-on experience building business-focused software, connecting AI capabilities to operational workflows, and leading technology initiatives from concept toward implementation. Experienced in AI-assisted development, application architecture, API and webhook integration, workflow automation, application security, and translating organizational needs into practical technical solutions. Brings an entrepreneurial mindset, strong communication, and a commitment to useful, secure, human-centered technology.

TECHNICAL & PROJECT EXPERIENCE

AI Integration & Software Development | **Chick-fil-A Twelve Oaks — Twelve Oaks MyTeams**

2026 – Present

- Conceptualized and developed a mobile-compatible employee management and performance platform with employee profiles, skill assessments, performance analytics, and manager-facing dashboards.
- Designed workflows to help managers monitor training progress, identify development needs, and make informed coaching decisions.
- Worked in a React/Vite application environment and used AI-assisted development tools to accelerate implementation, troubleshoot issues, and refine user experience.
- Worked with API and webhook integration concepts, authentication, role-based access, private file handling, and application-level security improvements.
- Performed iterative security reviews and addressed identified application vulnerabilities and implementation risks.

AI-Enhanced Training & Automation | **Chick-fil-A Twelve Oaks**

2026 – Present

- Designed an AI-enhanced training concept combining interactive learning content, AI-generated media, conversational simulations, and structured performance evaluation.
- Mapped an integration workflow connecting existing training materials, interactive video tools, conversational AI, and employee performance tracking.
- Developed competency frameworks and scenario-based assessment concepts to support consistent training, actionable feedback, and manager review.

LEADERSHIP, VOLUNTEERING & INFORMATION SECURITY

Student Advisory Council | **Student Leadership & Volunteer Initiatives**

Dates available upon request

- Participated in student advisory council work and volunteering initiatives, contributing to student-focused activities and collaborative projects.
- Included SOC 2 experience in an organizational/student advisory context, with exposure to compliance expectations, documented controls, accountability, and responsible information handling.
- Built communication and collaboration experience by engaging with stakeholders and supporting initiatives requiring operational coordination and attention to trust and security.

TECHNICAL SKILLS

AI & Integration: AI-assisted software development, conversational AI, prompt engineering, AI workflow automation, AI-generated multimedia, API/webhook integration
Software: React, Vite, application development, mobile-responsive interfaces, application architecture, database-driven applications
Security: Authentication, role-based access control, data protection, security testing, vulnerability remediation, SOC 2 concepts and compliance awareness
Platforms & Tools: Base44, ChatGPT, OpenAI tools, ElevenLabs, H5P, Lumi, Basecamp, Simular

ADDITIONAL EXPERIENCE

Digital Media & Technology Development | **Worlds of Music**

Dates available upon request

- Supported the management and development of three YouTube channels and four social media accounts, applying digital production and platform-management skills.

Film Production & Digital Media | **St. Matthew Lutheran Church**

December 2024 – June 2025

- Contributed to video and digital-media production; project results were reported as a 150% increase in audience retention and 9.5× viewership growth.

AWARDS & RECOGNITION

Farmington Public Schools Award of Excellence — April 2026; one of 24 recipients
NFHS PTSA Reflections, First Place — April 2026; Film Production, *Teenage Loneliness*
Michigan Christian Schools Speech & Music Olympiad, Second Place — May 2025; Monologue
Michigan Christian Schools Speech & Music Olympiad, Third Place — May 2025; Podcast Production

EDUCATION

Walled Lake Western High School — Michigan
Academic interests: Computer Science, Artificial Intelligence, Software Engineering, Mathematics, and Business Technology.

Project details and demonstrations available upon request.