

TRAE M EDDIE

SOFTWARE ENGINEER FULL STACK

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Full-stack software engineer with 5+ years building internal tools and customer-facing applications. Combines product judgment, responsive interfaces, secure APIs, and SQL performance engineering with Python and LLM integration experience.

PROFESSIONAL EXPERIENCE

HOMESTEADERS LIFE COMPANY

2021 - Present

Application Developer II

Jan 2024 - Present

AI Enablement since Jun 2026; previously Sales Experience

Selected work since November 2025

- Co-developed claims correspondence automation to address weekly overtime spent pursuing missing documentation. Enabled operations staff to manage rules, templates, and 30/60/90-day follow-ups without code changes; mentored four interns on the project.
- Built an HTML template editor with dynamic fields and previews. Proactively added version history and claim-specific overrides that persist across scheduled follow-ups, within existing delivery timelines.
- Independently built an AI analytics proof of concept in Python using Azure OpenAI, Azure AI Search, and ETL, incorporating role-aware access to internal information.
- Initiated a reusable .NET Model Context Protocol (MCP) server template and built an Entra-secured analytics API integration. Demonstrated access through Copilot and a separately developed chatbot POC; secured architecture approval for production deployment.
- Standardized API architecture across 5+ teams with Azure API Management and Microsoft Entra ID; championed shared configuration through Azure App Configuration.

Additional application delivery

- Adapted the analytics dashboard for desktop, tablet, and mobile use; built independently loading UI components so available content appears while other requests complete.
- Integrated the analytics dashboard with APIs serving the company's largest consolidator customers; optimized complex API queries to approximately 15 ms, excluding cloud/network latency.
- Built Blazor Server foundations and internal tools that removed hours to full days of manual work; supported developers through code reviews, onboarding, and mentoring.

Application Developer

Aug 2021 - Dec 2023

- Enhanced dozens of production applications using C#, VB.NET, SQL, and PowerShell; built Azure DevOps CI/CD pipelines and provided organization-wide support in a 1-in-4 on-call rotation.

INDEPENDENT PROJECT

Personal Portfolio

2026

Built a personal portfolio web application with a React frontend and .NET backend.

TECHNICAL SKILLS

Application development: C#, .NET, ASP.NET Core, Blazor, JavaScript, HTML/CSS, React (personal project)

Data and AI: Python, SQL Server, Entity Framework Core, REST APIs, ETL, Azure OpenAI, Azure AI Search, MCP

Cloud and delivery: Azure App Service, API Management, Entra ID, App Configuration, Azure DevOps, Git, CI/CD

EDUCATION

Des Moines Area Community College | AAS, Computer Information Systems | May 2021