

Griffin Smith, Experienced Application Developer

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Education:

Western Michigan University – Kalamazoo, MI

- Bachelor of Science in Computer Science Graduated: *April 2023*
 - Focused on: Database Design and Implementation, Data and File Structures, Memory Management, Website Development, Embedded Programming
 - Dean's List Fall 2021, Spring 2022
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Professional Experience:

Midwest Fastener Corp., Application Architect – Portage, MI

2023-Present

- Architected and maintained the backend BFF API for a sales rep-facing order placement mobile application available on iOS and Android, while actively contributing Flutter UI development across both platforms.
- Architected and implemented a webservice to shorten EDI customer set up time from two weeks to one hour.
- Collaborate with users to gather and resolve issues while maintaining desktop applications including internal and external websites, APIs, and batch jobs.
- Optimized processing speed by 40% in the VB.NET WinForms logistics application.
- Worked extensively with the company's AS400-based ERP system, supporting day-to-day operations and leading development efforts throughout the transition to Microsoft Business Central.
- Created an Android Application using the MAUI .NET framework to receive, allocate, and transfer inventory within multiple warehouses, serving as a core component of the company's Warehouse Management System (WMS).
- Designed and created a .NET unit testing suite to increase developer efficiency and software uptime/reliability as well as decrease QA time.
- Implemented CI/CD pipelines using GitHub Actions to automatically test and deploy the latest versions of IIS hosted websites and APIs, as well as the company's NuGet packages.
- Engineered backend APIs that powered the company's customer facing mobile application.
- Implemented automated test databases using Docker containers seeded with daily production backups, enabling developers to spin up their own isolated, up-to-date test environments.
- Created dynamic reporting dashboards with Radzen and Entity Framework for IT maintenance tracking.
- Facilitated the training of new hires to ensure they were quickly onboarded and had a strong grasp on our existing codebase and workflows.

Consumers Credit Union, Project Developer – Kalamazoo, MI

2022-2023

- Constructed a web service to automatically categorize incoming support tickets to ensure they would reach the appropriate department within 15 minutes.
 - Devised an optimized database schema to ensure normalized data storage with fast lookup speeds.
 - Developed an AI machine learning model utilizing ML.NET to automatically categorize incoming support tickets.
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Key Competencies:

Programming Languages & Frameworks

- .NET
 - Languages: C#, VB
 - Frameworks: .NET Core, ASP.NET, WinForms, MAUI, Xamarin, ML.NET
- Other Languages: C/C++, SQL (MySQL, DB2, MSSQL), HTML5, JavaScript/jQuery

Concepts & Platforms:

- Development Methodologies: Agile/SCRUM, Test-Driven Development (TDD)
 - Development Types: Full-Stack Development, Microservices Architecture, RESTful API Design
 - Version Control: Team-Based Version Control (Git), Continuous Integration/Continuous Deployment (CI/CD)
 - Tools: GitHub Co-Pilot, Claude AI
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Community Service:

FIRST Robotics Competition Judge

2024-Present

- Inspire, evaluate, and report on technical robot, team, and individual attributes and qualities of high school robotics teams.