

Taylor Brown

Full Stack Developer

Detroit, MI
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SKILLS

- C# / .NET
- MVC & WebAPI
- MS SQL
- Redis
- Azure Devops / Functions / Cosmos / Search / AI
- JS / REACT / Angular2 / HTML / CSS / SASS
- TFS VC & GIT
- Python

EXPERIENCE

JATO Dynamics, Hybrid— *Software Engineer*

October 2022 - August 2025

- Maintained and enhanced .NET microservices powering large-scale data consolidation platforms, ensuring reliable data delivery for enterprise clients.
- Leveraged Azure Cosmos for persisted storage and Azure Search Indexes for centralized data access across multiple teams.
- Improved system performance and user experience by optimizing backend services and refactoring inefficient code, resulting in faster response times and smoother UX.
- Developed new pages and features in ReactJS, expanding application functionality and improving usability for end users across multiple markets.
- Drove feature delivery by breaking down high-level requirements into actionable user stories, clarifying scope for the team, and ensuring alignment with business goals.
- Worked seamlessly without much supervision within a smaller SCRUM team to execute deliverables consistently on time.
- Leveraged Azure AI and Python to build an award-winning prototype during a company hackathon, demonstrating innovation and cross-technology problem solving.

Detroit Trading Company, Auburn Hills — *.NET Developer*

November 2019 - June 2022

- Mentored junior developers in building and maintaining MVC form applications, improving team efficiency and code quality through guidance and code reviews.
- Developed and deployed an SMS marketing application compliant with TCPA regulations, enabling targeted campaigns while maintaining legal standards.
- Leveraged Twilio webhooks and Azure functions to handle either realtime SMS responses and/or post dated service bus messages to adhere to TCPA regulations.
- Built and optimized data access layers using Entity Framework Core, improving maintainability and performance of key business applications.
- Built and maintained componentized Web apps necessary to intake user data.
- Implemented and maintained CI/CD pipelines in Azure DevOps, streamlining deployments and reducing release errors.
- Continuously improved coding practices, adopting cleaner and more efficient approaches that enhanced maintainability across projects.

Quicken Loans, Detroit— *Software Engineer*

May 2014 – November 2019 (*May 2014 – August 2016 as Software Developer*)

- Maintained and enhanced backend microservices supporting data consolidation and retention, ensuring compliance and stability for critical financial systems.
- Migrated some existing console services to Azure functions for modernization.
- Supported email service (.NET console app) infrastructure responsible for delivering essential communications (welcome and password reset emails) to Rocket Mortgage clients, safeguarding customer access and onboarding.
- Leveraged Docker to containerize and scale messaging services, enabling reliable performance during peak usage periods and reducing risk of delivery failures.
- Worked across diverse tech stacks (C#, .NET, Java, PHP), adapting quickly to different systems and contributing to a broad range of enterprise applications.
- Supported and enhanced Angular based web application “Blended Dialer,” responsible for streamlining banker workflows. Leveraged SignalR to handle realtime calls and ensure the most up-to-date information was available to bankers.
- Briefly supported upgrading old MySQL PHP pages.
- Supported and maintained telephony application written in JAVA responsible for banker/client call tracking and reporting.
- Primarily used MS SQL Server for data storage. Leveraged both Entity Framework and stored procedures for data access layer.
- Collaborated in cross-team code reviews, architecture discussions, influencing system design decisions and aligning technical solutions with business requirements.
- Learned and participated in Agile SCRUM principle in both a larger team and multiple smaller teams.