MICHAEL MCNIEL

Software Developer | Enterprise .NET Applications | Epicor ERP Integration & Systems Modernization

michaelcmcniel@gmail.com • https://www.mcnylo.dev • https://github.com/mcnylo • Waco Area

Summary

Software Developer specializing in C#, .NET, SQL Server, and ERP-integrated applications. At TIME Manufacturing, I develop and modernize ASP.NET MVC systems, messaging services, and Epicor ERP customizations, including replacing legacy database integrations with REST APIs for the transition to Epicor Kinetic. I also manage the OneStream CPM platform, helping reduce annual third-party costs by approximately $100,000.

Key Achievements

Epicor API Modernization

Led the migration from direct database access to Epicor REST APIs, preparing internal applications for Epicor Kinetic.

$100K Annual Cost Savings

Assumed ownership of the OneStream CPM platform, reducing third-party costs by approximately $100,000 annually.

Enterprise Platform Modernization

Rebuilding a legacy ASP.NET Framework 4.8 application as a modular ASP.NET Core 10 platform with ERP integration and role-based security.

Legacy Application Stability

Refactored C# and VB applications to improve maintainability, reduce system errors by 30%, and minimize downtime.

CI/CD Modernization

Managed Jenkins deployment workflows and led the transition to Azure DevOps for application delivery and version control.

Secure Production Deployment

Built and deployed a Dockerized ASP.NET Core application with MySQL, MFA-secured administration, and automated GitHub Actions deployments.

Skills

C# · SQL · JavaScript · HTML/CSS · VB.NET · .NET · ASP.NET Core MVC · ASP.NET MVC · Entity Framework Core · WPF · SQL Server · MySQL · REST APIs · OData · MSMQ · Epicor ERP/Kinetic · OneStream CPM · Git · GitHub Actions · Azure DevOps · Jenkins · Docker · Linux · DigitalOcean

Experience

TIME Manufacturing Company, Inc.

Waco, TX

Developer

07/2024 - Present

- Develop and maintain business-critical ASP.NET MVC and MSMQ applications using C#, VB, jQuery, and SQL Server.
- Build application features and Epicor ERP customizations that support operational and cross-departmental workflows.
- Led the migration from direct Entity Framework database access to Epicor REST APIs, preparing applications for Epicor Kinetic.
- Administer and enhance the OneStream CPM platform, eliminating approximately $100,000 in annual third-party costs.
- Refactor legacy code to improve maintainability, reliability, and application performance.
- Design SQL Server databases, queries, and scripts that support application performance and data integrity.
- Build AI-assisted tools that improve access to order, shipping, and customer data.
- Maintain CI/CD workflows in Jenkins and lead their migration to Azure DevOps.
- Create technical documentation and training resources that improve onboarding and reduce reliance on tribal knowledge.

MOODY ISD

Moody, TX

Computer Technician

05/2023 - 06/2024

- Provided hardware, software, and network support across three school campuses as part of a four-person IT team.
- Deployed, maintained, and repaired laptops for students and faculty, minimizing disruptions to classroom instruction.
- Installed and configured security cameras, IoT devices, antivirus software, and content-filtering systems.
- Supported network infrastructure projects involving switches, UPS systems, structured cabling, and related hardware.
- Diagnosed and resolved device, application, and connectivity issues for staff and students.

T3 the Gym

Temple, TX

Front Desk Associate

02/2022 - 05/2023

United States Air Force

Fort Worth, TX

Aircraft Structural Maintainer (2A753 - Senior Airman)

09/2017 - 12/2021

Education

Western Governors University
01/2026 - 08/2026

Bachelor of Science, Bachelor of Science, Computer Science

Texas State Technical College
01/2023 - 08/2025

Associate of Science - AS, Associate of Applied Science, Computer Programming Technology

- Additional Certificates Earned: Java Developer, Mobile Application Developer, Software Developer

Certifications

CompTIA Network+ — CompTIA

Linux Essentials Certification — Linux Professional Institute (LPI)

CC - Certified in Cybersecurity — ISC2

Google IT Support Professional Certificate — Google

Projects

Time MFG Intranet – C#, ASP.NET Core 10, MVC, Entity Framework Core, SQL Server, Epicor REST/OData

Proprietary code of Time Manufacturing Inc.

- Modernizing a legacy ASP.NET Framework 4.8 application into a modular ASP.NET Core 10 enterprise platform.
- Designing reusable modules for data access, authentication, permissions, shared UI components, and business-specific functionality.
- Integrating Epicor ERP services to support order management, purchasing and invoice workflows, operational reporting, and administrative tools.

Developer Portfolio - C#, ASP.NET Core 10, Entity Framework Core, MySQL, Docker, GitHub Actions

https://github.com/mcnylo/mcnylo.dev

- Built a database-backed portfolio with an administrative content-management system for projects, articles, images, and résumé content.
- Secured administrative features with MFA, cookie authentication, rate limiting, and browser security policies.
- Containerized the application with Docker and automated deployment through GitHub Actions to an Ubuntu server hosted on DigitalOcean.

Meal Kit Delivery Application - C#, WPF, MVVM, Entity Framework, MySQL

https://github.com/mcnylo/WheatFree

- Developed an end-to-end desktop application for browsing gluten-free recipes and ordering their required ingredients.
- Built customer, point-of-sale, and manager workflows covering authentication, shopping carts, checkout, and account management.
- Implemented inventory, recipe, discount, and user administration with sales reporting and PDF recipe cards.

Desktop Music Player - C#, WPF, NAudio

https://github.com/mcnylo/apolloplayer

- Developed a desktop music player in C# and WPF, integrating NAudio for playback without relying on Windows Media Player.
- Implemented track browsing, playback controls, automatic song progression, and safeguards for invalid states and deleted files.
- Diagnosed and resolved crashes, overlapping playback, and long-running UI freezes to improve application stability.