

Dmitri Moody

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SUMMARY

C# full stack application developer with 4 years and 3 months of experience building **web applications, APIs, SQL solutions**, integrations, and **production support** for manufacturing oriented environments. Delivers backend processing, Entity Framework data access, frontend workflows, and relational database improvements across internal and customer facing systems. Owns features from technical design through coding, personal validation, deployment, troubleshooting, and release support. Translates operational needs into maintainable applications while working closely with operations, business users, senior developers, and small collaborative teams. Applies secure coding, data encryption concepts, application diagnostics, API validation, and database optimization to support reliable production workflows. Ready to contribute practical engineering judgment, steady collaboration, and full lifecycle ownership within a software team serving manufacturing operations.

EXPERIENCE

C# .NET Application Developer

July 2024 - Present

ForgeLine Manufacturing Solutions

Elgin, IL

Owns backend focused enhancements for internal production and customer web applications, supporting solution design, implementation, validation, deployment, and **production issue resolution**. Partners with operations and application stakeholders within a small development team, connecting manufacturing workflows with maintainable software and dependable data exchange.

- Owned C# .NET application enhancements from **technical design** through **release support** for production users.
- Built REST API integrations for order, inventory, and customer data across four operational applications.
- Reworked SQL queries and **Entity Framework** access, improving responsiveness for high volume production screens.
- Delivered customer order status workflows across **frontend** and backend layers, validating complete scenarios before deployment.
- Traced logs, API payloads, and database records to correct production defects through controlled testing.
- Applied secure coding and **data encryption** practices while documenting decisions for compliance and support.

Junior .NET Developer

July 2022 - June 2024

PrairieWorks Software

Schaumburg, IL

Developed C# and .NET features for manufacturing and distribution clients, building practical ownership across application code, SQL data, APIs, testing, and scheduled releases. Worked with senior developers and business users to translate requirements, investigate support issues, and deliver verified corrections within established application architecture.

- Developed **C#** and **.NET** web features for manufacturing and distribution client applications.
- Created **SQL** stored procedures and **validation** routines supporting orders, reporting, and integration workflows.
- Implemented **REST APIs** with tested request handling, error conditions, and reliable data mappings.
- Extended Entity Framework models and service logic for new business requirements within existing architecture.
- Investigated support tickets through logs, database queries, and reproducible test cases for verified corrections.
- Performed developer testing for backend and browser changes, documenting **deployment** notes for scheduled releases.

PROJECTS

Manufacturing Data Integration 📅 2024

Connected order, inventory, and customer records across operational applications through REST API integration, validation rules, retry handling, and SQL backed processing. Work centered on dependable data movement and clearer support diagnostics for manufacturing workflows.

Customer Order Status Workflow 📅 2023

Delivered an end to end order status experience across frontend and backend layers, translating operational requirements into maintainable application behavior. Validation covered request handling, data mappings, browser scenarios, and release readiness for customer users.

LEADERSHIP & AWARDS

- Recognized by manufacturing application teams for dependable production issue investigation and release support.
- Selected for increased feature ownership after consistent delivery across C# .NET, SQL, APIs, and Entity Framework work.
- Received positive stakeholder feedback for translating operational needs into practical application improvements.

EDUCATION

Bachelor's Degree in Computer Science

2022

Northern Illinois University GPA: 3.5

DeKalb, IL

Coursework: Data Structures, Database Systems, Web Application Development, Software Engineering

CERTIFICATIONS

- Microsoft Learn, Build Web Apps with ASP.NET Core 📅 2024
- Microsoft Learn, ASP.NET Core Web Application Development 📅 2024

TECHNICAL SKILLS

- **Programming Languages:** C#, SQL, JavaScript
- **Microsoft .NET:** .NET, ASP.NET Core, Entity Framework
- **Web Applications:** Internal web applications, customer web applications, browser workflows
- **API Development:** REST APIs, API endpoints, request handling
- **API Integration:** Order integration, inventory integration, customer data integration
- **Database Systems:** Relational databases, SQL Server, stored procedures
- **Data Access:** Entity Framework, service layer logic, data mappings
- **Testing Practices:** Developer testing, scenario validation, reproducible test cases
- **Production Support:** Application logs, defect diagnosis, release support
- **Application Security:** Secure coding, data encryption, compliance documentation
- **Manufacturing Software:** Production workflows, order processing, inventory systems
- **Deployment Processes:** Release candidates, deployment notes, controlled environments

SKILLS

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|--------------------------|--------------------|-----------------------|-----------------------|
| • C# | • SQL | • Web Applications | • Production Support |
| • .NET | • REST APIs | • Backend Development | • Application Testing |
| • ASP.NET Core | • API Integration | • Frontend Features | • Troubleshooting |
| • Full Stack Development | • Entity Framework | • Data Processing | |

PROFESSIONAL AFFILIATIONS

- Microsoft Learn community participant, focused on ASP.NET Core application development.
- Northern Illinois University Computer Science alumni network participant, maintaining connection with software engineering peers.

LANGUAGES

- English (Native)
- Russian (Proficient)

ADDITIONAL INFORMATION

Work Status : Authorized to work in United States. No sponsorship required.

REFERENCES

AVAILABLE ON REQUEST