

Job Title: Database Developer/Legacy Application Maintainer	Date Posted: February 17, 2026
Reports To: Manager of Engineering	FSLA Status: Exempt – Base Salary
Location: Hybrid - Eagan, MN or Remote	Base Salary Range: \$80,000 - \$95,000

Position Overview

We are seeking an experienced Database Developer to maintain and enhance our legacy agricultural management application (MetaFarms). This role requires a strong database development background with the ability to work with legacy .NET Framework applications. The ideal candidate will have experience maintaining complex, business-critical systems and the ability to quickly understand domain-specific business logic.

About the Application

MetaFarms is a comprehensive agricultural production management system used by swine production operations. The application manages sow operations, feed management, finishing operations, sales, and integrates with various third-party systems. The system has been in production for over 20 years and contains extensive business logic embedded in both the database layer and application code.

Primary Focus: Database Development (70-80% of role)

1. Stored Procedure Development & Maintenance
 - a. Design, develop, and maintain complex stored procedures (1,000+ existing procedures)
 - b. Optimize existing stored procedures for performance
 - c. Debug and troubleshoot database performance issues
 - d. Handle complex business logic within SQL Server
2. Database Schema Management
 - a. Create and modify database tables, views, and functions
 - b. Manage database migrations and schema changes
 - c. Maintain referential integrity across complex data models
 - d. Work with SQL Server Database Projects (.sqlproj)
3. Data Analysis & Reporting
 - a. Write complex queries for business reporting needs
 - b. Create and maintain database views for reporting
 - c. Understand and maintain existing database architecture

Excel Report Development (15-20% of role)

1. Excel Report Generation
2. Develop and maintain Excel reports using SoftArtisans OfficeWriter/ExcelWriter
3. Create data-bound Excel templates with complex formatting
4. Generate reports for various business modules:
 - a. Sow
 - b. Finish
 - c. Sales
 - d. Handle report customization and parameter-driven reporting

Application Maintenance (10-15% of role)

1. Legacy .NET Framework 4.8 Application
 - a. Maintain ASP.NET Web Forms applications
 - b. Debug and fix issues in existing codebase
 - c. Implement minor feature enhancements
 - d. Work with legacy ASMX web services
 - e. Understand and maintain VB.NET components
2. API Development (Nice to Have)
 - a. Maintain and enhance .NET 6+ REST APIs
 - b. Work with Entity Framework Core
 - c. Integrate with third-party systems

Technical Skills

1. Database Development (REQUIRED - Primary Skill)
 - a. 5+ years of experience with SQL Server stored procedure development
 - b. Expert-level T-SQL programming skills
 - c. Experience with complex database queries, views, and functions
 - d. Strong understanding of database performance optimization
 - e. Experience with SQL Server Database Projects and schema management
2. .NET Framework Experience
 - a. 3+ years of experience with .NET Framework 4.x (preferably 4.8)
 - b. Experience with ASP.NET Web Forms
 - c. Understanding of legacy application architecture patterns
 - d. Ability to work with older codebases and technologies
3. Excel Report Development
 - a. Experience generating Excel reports programmatically
 - b. Familiarity with Excel template-based reporting
 - c. Understanding of data binding and Excel formatting
4. General Development Skills

- a. Strong debugging and troubleshooting abilities
- b. Experience with version control (Git)
- c. Ability to read and understand complex, legacy code
- d. Strong problem-solving skills

Preferred Qualifications (Nice to Have)

- 1. Experience with .NET 6+ and modern C# features
- 2. Experience with REST API development
- 3. Experience with Entity Framework Core
- 4. Knowledge of agricultural or livestock management systems
- 5. Experience with third-party integrations
- 6. Experience with background services and scheduled jobs
- 7. Understanding of dependency injection and modern .NET patterns

If interested in this position, please email a resume and references to jobposting@metafarms.com