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SUMMARY

Early-career .NET Developer with a Bachelor of Science in **Computer Science** completed in 2026 and practical experience from academic software projects, supervised labs, and a healthcare benefits administration capstone. Builds C# applications with sound programming fundamentals, reusable methods, validation, **SQL Server** data access, HTML interfaces, and **Visual Studio** IDE workflows. Coursework and project work covered C++, VB, Excel, Word, PowerPoint, documentation, testing, **requirements analysis**, and presentation. Managed multiple deliverables by organizing tasks, reviewing business rules, and resolving defects before demonstrations. Brings clear written and verbal communication, quality-conscious implementation, dependable deadline management, and genuine interest in learning from experienced professionals while supporting client projects across healthcare, finance, insurance, retail, and related environments.

EDUCATION

Bachelor's Degree in Computer Science

2026

Western Kentucky University GPA: 3.7

Bowling Green, KY

Coursework: C# programming, .NET application development, SQL Server, software testing, business analysis

TECHNICAL SKILLS

- **Programming Languages:** C#, C++, Visual Basic
- **.NET Development:** .NET, ASP.NET, C#
- **Database Systems:** SQL Server, SQL, Stored Procedures
- **Web Development:** HTML, Server-Side Validation, Forms
- **Development Environments:** Visual Studio, IDE Tools, Debugging
- **Office Applications:** Excel, Word, PowerPoint
- **Software Design:** Object-Oriented Programming, Modular Methods, Reusable Methods
- **Testing and Quality:** Test Cases, CRUD Testing, Defect Resolution
- **Data Management:** Tables, Relationships, Parameterized Queries
- **Documentation:** Technical Documentation, Requirements, Test Evidence
- **Business Domains:** Healthcare, Finance, Benefit Administration
- **Delivery Practices:** Task Tracking, Deadline Management, Versioned Notes

SKILLS

- | | | | |
|-----------|--------------|-----------------|---------------------------|
| • C# | • VB | • Visual Studio | • PowerPoint |
| • .NET | • SQL Server | • IDE Tools | • Debugging |
| • ASP.NET | • SQL | • Excel | • Technical Documentation |
| • C++ | • HTML | • Word | |

EXPERIENCE

.NET Developer Capstone Project

January 2026 - May 2026

University Capstone Project

Louisville, KY

Supported a supervised healthcare benefits administration application effort from requirements review through faculty demonstration. Translated business rules into C# validation, connected SQL Server records with HTML workflows, tested representative cases, and documented decisions for review. Balanced coding, analysis, reconciliation, and presentation work across a short delivery schedule.

- Developed a **C#** and **ASP.NET** prototype for healthcare benefit eligibility, translating 14 business rules into reusable validation methods and documented workflows.
- Designed SQL Server tables, relationships, and stored procedures for member, plan, and enrollment records; tested sample data for duplicate and incomplete entries.
- Built **HTML** forms in Visual Studio for eligibility searches and enrollment updates, using server-side validation for clear user feedback.
- Created test cases for valid enrollments, expired coverage, missing dependent information, and conflicting plan dates; resolved defects before faculty review.
- Used **Excel** to reconcile prototype outputs against sample benefit calculations, then summarized exceptions for capstone advisor review.
- Presented solution through **PowerPoint** and **technical documentation**, explaining design decisions, limitations, and recommended next steps.

C#/.NET Developer Student Lab

September 2025 - December 2025

University Software Development Lab

Bowling Green, KY

- Completed supervised software labs focused on C# application development, object-oriented programming, data access, debugging, and documentation. Worked through parallel assignments in a Visual Studio environment, compared C++, VB, and C# approaches, and incorporated instructor feedback into code quality and user communication.
- Implemented C# console and desktop exercises covering **object-oriented programming**, collections, exception handling, file processing, and modular method design.
 - Connected a course inventory application with SQL Server, **writing** parameterized queries and validating CRUD operations against instructor test records.
 - Converted selected **programming** exercises from VB and **C++** concepts into C# implementations to compare syntax, type handling, and debugging approaches.
 - Investigated compiler errors and runtime defects through Visual Studio debugging, recording root causes and fixes in laboratory documentation.
 - Managed parallel weekly deliverables with a task tracker, meeting submission **deadlines** while maintaining readable code comments and versioned lab notes.
 - Demonstrated completed applications during practical reviews and applied faculty feedback on naming, input validation, organization, and user **communication**.

.NET Developer Academic Project

January 2025 - May 2025

Student Finance Application Project

Louisville, KY

- Created a supervised classroom finance application that connected business scenarios with practical programming decisions. Separated transaction entry, calculations, reporting, database records, spreadsheet reconciliation, and user documentation so classmates could review results and trace test evidence.
- Created a C# budgeting application for a classroom **finance** scenario, separating transaction entry, category calculations, and monthly reporting into testable components.
 - Modeled account and transaction data in **SQL Server**, using sample records to verify balances, date filters, and category summaries.
 - Added a basic HTML interface and documented setup steps for classmates evaluating a prototype in an IDE environment.
 - Applied Excel formulas and pivot tables to compare application totals with an independent spreadsheet reconciliation, correcting rounding differences.
 - Prepared **Word**-based requirements and test documentation connecting user scenarios with expected results and observed outcomes.
 - Delivered a **PowerPoint** walkthrough covering **business** context, implementation approach, test evidence, and future enhancement options.

PROJECTS

Benefits Eligibility Rules Engine 📅 2026

Built a separate proof of concept for healthcare benefits analysis, mapping coverage dates, dependent records, and plan conflicts into reviewable C# rules with SQL Server test data and concise technical notes.

Finance Reporting Reconciliation Tool 📅 2025

Created a classroom finance reporting utility that compared C# transaction totals with Excel formulas and pivot tables, helping reviewers trace rounding differences and confirm monthly summaries.

LEADERSHIP & AWARDS

- Dean's List, Western Kentucky University – Fall 2025 and Spring 2026
- Computer Science Capstone Presentation Recognition – 2026
- Faculty Recognition for Clear Technical Documentation – 2026

CERTIFICATIONS

- Microsoft Learn: Build .NET Applications with C# 📅 2026
- SQL for Data Management, Coursera 📅 2025
- Microsoft Office Specialist: Excel Associate 📅 2025

PROFESSIONAL AFFILIATIONS

- Computer Science Peer Study Group Facilitator, Western Kentucky University – 2025-2026
- Student Technology Association, Project Volunteer – 2024-2026
- Western Kentucky University Computer Science Community – 2024-2026

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST