

Liam Wells

Junior .NET Developer / Software Engineer

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SUMMARY

Junior .NET Developer with three years of hands-on experience building, testing, deploying, and supporting distributed healthcare software across web, desktop, and service-oriented environments. Brings practical command of C#, .NET, .NET Core, ASP.NET, **ASP.NET Core**, MVC, **Web API**, **Visual Basic .NET**, **SQL Server**, Oracle, and relational database design. Delivered claims-processing features, event-driven integrations, Kubernetes deployments, and production fixes for healthcare revenue cycle workflows. Partners closely with senior developers, engineers, architects, quality analysts, and revenue cycle stakeholders, turning business needs into tested releases. Brings patience when tracing difficult data issues, care for maintainable code, and genuine eagerness to contribute at Northstar Claims Technologies.

EXPERIENCE

Software Developer

Cedar Ridge Medical Software 📅 August 2024 - Present 📍 Louisville, KY

Supports a healthcare revenue cycle platform serving provider operations, with ownership across C#/.NET microservices, ASP.NET Core APIs, MVC components, **SQL Server data tiers**, event-driven messaging, and Kubernetes releases. Works with senior engineers and architects on scalable claims workflows, production reliability, and controlled delivery.

- Developed **C#/.NET microservices** for claim intake, status updates, and exception routing, improving workflow continuity for provider operations.
- Implemented **ASP.NET Core** Web API endpoints and MVC components with validation, structured logging, and authorization patterns approved through **code reviews**.
- Designed SQL Server data-tier changes with indexed queries, stored procedures, and migration scripts, preserving reporting integrity across claim and remittance workflows.
- Maintained **event-driven messaging** between claims services and payer integrations, using correlation IDs and replay procedures to recover failed messages safely.
- Packaged and deployed services on Kubernetes with configuration management, health checks, and rollback documentation, supporting controlled production releases.
- Resolved production defects by reproducing representative claim records, adding automated regression coverage, and documenting fixes for support and quality teams.

Junior .NET Developer

Riverbend Application Labs 📅 August 2023 - July 2024 📍 Lexington, KY

Built and maintained healthcare administration applications used by billing specialists and implementation analysts. Contributed across ASP.NET MVC, Web API, C#, VB.NET, SQL Server, Oracle, testing, debugging, code reviews, and release documentation under senior developer guidance.

- Built **ASP.NET MVC** and Web API features for internal healthcare administration tools, helping billing specialists manage daily revenue cycle work with clearer workflows.
- Converted selected **VB.NET** utilities into C# services, preserving business rules while improving testability and integration with **SQL Server data tiers**.
- Created **Oracle** and SQL Server queries for reconciliation screens, validating results against sample claims and documenting RDBMS dependencies for reviewers.
- Investigated application errors through Visual Studio **debugging**, request traces, and database logs, reducing repeat defects before shared QA review.
- Added unit and integration tests for claim validation, payer response mapping, and duplicate-record controls, giving reviewers stronger release confidence.
- Presented feature demonstrations during sprint reviews, incorporated feedback into pull requests, and maintained deployment notes for each application release.

PROJECTS

Claims Event Replay Service 📅 2025

Created a focused .NET microservice concept for replaying failed claim events through correlation IDs, SQL Server audit records, and controlled message handling. Work centered on traceability, recovery, and safe revenue cycle operations.

Kubernetes Service Readiness Toolkit 📅 2024

Built deployment checks for health endpoints, configuration validation, rollback notes, and service diagnostics across containerized .NET applications. Project supported dependable releases and clearer handoffs between developers, quality analysts, and operations.

LEADERSHIP & AWARDS

- Received Cedar Ridge Medical Software Peer Recognition Award in 2025 for dependable production defect analysis and clear release documentation.
- Earned University of Kentucky Computer Science Capstone Honors in 2023 for a tested, database-backed service application.
- Led peer code review sessions for junior developers, helping teams discuss practical fixes with less friction and better follow-through.

EDUCATION

Bachelor's Degree in Computer Science

University of Kentucky 🎓 GPA: 3.7 📅 2023 📍 Lexington, KY

Coursework: Object-Oriented Programming, Database Systems, Software Engineering, Web Application Development, Distributed Systems

CERTIFICATIONS

- Microsoft Certified: Azure Developer Associate 📅 2025
- Microsoft Learn: Build ASP.NET Core Web APIs 📅 2024

TECHNICAL SKILLS

- **Microsoft .NET:** .NET Framework, .NET Core, C#
- **ASP.NET Development:** ASP.NET, ASP.NET Core, MVC
- **API Development:** Web API, REST services, request validation
- **Programming Languages:** C#, Visual Basic .NET, SQL
- **Database Systems:** Microsoft SQL Server, Oracle, RDBMS
- **Data Access:** Entity Framework Core, stored procedures, migration scripts
- **Cloud Platforms:** Microsoft Azure, Azure Developer tools, cloud-native services
- **Containers and Orchestration:** Kubernetes, container deployment, health checks
- **Messaging Systems:** Event-driven messaging, message queues, correlation IDs
- **Software Testing:** Unit testing, integration testing, regression testing
- **Development Tools:** Visual Studio, Git, debugging
- **Delivery Practices:** Code reviews, pull requests, sprint reviews

SKILLS

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|------------------------|---------------------|-----------------|-----------------------|
| • .NET | • Oracle | • Web API | • Code reviews |
| • ASP.NET | • Visual Basic .NET | • Microservices | • Unit testing |
| • C# | • RDBMS | • Kubernetes | • Integration testing |
| • Microsoft SQL Server | • MVC | • Debugging | |

PROFESSIONAL AFFILIATIONS

- Member, Association for Computing Machinery, 2023 - Present; participates in software engineering discussions and peer learning.
- Member, Kentucky Healthcare Information Management Systems Society community, 2024 - Present; follows healthcare technology and revenue cycle practices.

LANGUAGES

- English (Native)
- Spanish (Intermediate)

ADDITIONAL INFORMATION

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

REFERENCES

AVAILABLE ON REQUEST