GREGORY KAVALEC

Bangor, Maine | Remote (Eastern Time) | kavalec.com

PROFESSIONAL SUMMARY

Healthcare integration and Azure data engineer with 20+ years of SQL Server and .NET development, now on Azure and Microsoft Fabric. Designs, builds, and supports HL7 and Rhapsody interfaces across radiology and clinical systems, and has led teams of five to eight engineers. Uses LLM and multi-agent tooling in development and operations, and delivers automation that cuts manual work and staffing needs.

PROFESSIONAL EXPERIENCE

SPECTRUM HEALTHCARE **January 2023 – November 2026**

Senior Software Engineer, Radiology IT and Systems Integration

- Supported and developed radiology-facing applications, including Azure-hosted web apps, SQL Server databases, and scheduled automation built on VisualCron.
- Built and maintained internal tools such as an email proxy service and registry/QA applications used by radiology staff.
- Designed, built, and supported HL7 interfaces and Rhapsody integration workflows connecting radiology and other clinical systems.
- Migrated the special compensation system to Azure and Microsoft Fabric.
- Integrated clinical and administrative systems, handling deployments, troubleshooting, and ongoing support.
- Applied AI tooling and multi-agent automation to development, documentation, and operations work.

BACA, STEIN, WHITE AND ASSOCIATES **Through 2023**

Database Architect

- Led a team of five programmers and system specialists.
- Created and maintained numerous active websites and the supporting processes for online state tax filing, a primary source of revenue.
- Designed and implemented fully automated, secure, batch-oriented filing of state tax returns and payments, also used by intermediary tax agents; reduced staffing requirements.
- Developed numerous EDI interfaces based on EDIFACT and ANSI X12 standards.
- Re-wrote software acquired from third parties when new clients were brought in.
- Designed and implemented replication systems supporting a disaster recovery “hot site” in another city.
- Led the migration of multiple applications from various DBMS platforms to SQL Server 2016 and 2019.

Earlier experience: Manager of Tech Services at National Convenience Stores, leading eight system programmers and building the industry's first daily point-of-sale data collection from more than 200 registers.

TECHNICAL SKILLS

Databases: MS SQL Server (through Azure SQL), MySQL, some Oracle and PostgreSQL

Languages: C#, Python, T-SQL, PowerShell, HTML, XML, ASP.NET

Cloud and Platforms: Microsoft Azure, Microsoft Fabric, .NET / ASP.NET, IIS, Active Directory, VisualCron, Visual Studio

AI and Automation: LLM-based development tools, multi-agent workflows, prompt and agent design

Integration: EDI (EDIFACT, ANSI X12), HL7, Rhapsody, Altova MapForce, secure batch file exchange

Operating Systems: Windows and Windows Server through current releases, Linux (Ubuntu and others); IBM mainframes (MVS)

EDUCATION

Case Western Reserve University, Cleveland, Ohio
Ohio Institute of Technology, Columbus, Ohio

PROFESSIONAL DEVELOPMENT

Technology industry continuing education seminars and conferences, including EDI (EDIFACT and ANSI X12) and HL7.