Matthew T. Werstler

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Experience

RSM   2024-2025
Software Engineer Lead

- Led a team of four engineers, providing mentorship, technical guidance, and performance feedback to drive team success.
- Actively contributed to hands-on development across multiple projects using Azure Data Factory, C# .NET, SQL Server, Power BI, and Visual Studio Database Projects (DACPAC).
- Leveraged Copilot in Visual Studio and VS Code to accelerate coding workflows and improve code quality.
- Balanced responsibilities between software development, user story planning, team management, and DevOps documentation, ensuring smooth delivery pipelines via Azure DevOps and Git Extensions.

ComResource   2023-2024
Solution Architect Consultant at AmeriTrust Group Insurance

- Reviewing and implementing Azure Defender for Cloud Recommendations.
- Working on several solutions covering generations of .Net from 4.8 to 6.0. Utilizing Building Azure with Terraform, Azure DevOps, Azure Boards, Azure Pipelines, Azure Cost Cutting, Microsoft Office Teams Application with .Net Bot Framework, Adobe AEM, TFS & Git Repositories, etc.
- Splitting my time between software development, user story planning, reviewing server resources, assisting developers, and documentation in Confluence.

Robert Half Technologies   2021-2023
SPS Lead Technical Consultant at Client Veritext 2022-2023

- Managed a team of five consultants using Agile methodologies within Jira, resulting in increased velocity and improved accuracy of committed to completed velocity, as well as the addition of critical documentation and major improvements to Visual Studio build times with multiple configurations, and improved security.
- Maintained and updated a legacy WPF application with several WCF Services connecting to various web services, GraphQL, and SQL Server, which are maintained by other teams. The application is the primary driver of the core business at Veritext and allows users to manage vendors, schedule legal events, handle court case files, and process vendor payroll.

SPS Lead Technical Consultant at Client Smart Union 2021-2022

- Worked with .Net 6 Blazor, SkiaSharp, Serenity, Hangfire, Docker, Excel Web Add-Ins, Service Workers, APIs, PowerShell, Microsoft Office Web Add-Ins, MarkDown, and web applications within Ardalis DDD Clean Architecture.

- Educated myself on Angular, Kubernetes, Event Streaming, Serilog, Seq Structured Logging, Service Workers, Node.JS, ML.Net, Secure Payments, OneNote, Domain Driven Design, and the latest .Net features.

GBS Corp   2013-2021
Development Operations Manager, HealthCare

- Promoted to Development Operations Manager in 2021, adding the responsibility of leading additional Youngstown, Ohio based Application Development team and overseeing all GBS Corp's HealthCare Development efforts.
- The second development team I Managed focused on healthcare clinical space, specializing in client-specific customizations encapsulated in GBS Corp's Value-Added Reseller product NextGen.
- Oversaw data migrations, data conversions, interfaces, custom templates, SQL scripting/performance, and several software product solutions.

Project and Work Management and Documentation Tools

DNN	Draw.io	Jira	MockPlus
Monday	MS Excel	MS Planner	MS PowerPoint
MS SharePoint	MS Teams	SalesForce with Agile Accelerator	

Most of the Technologies and Software Consumed by my Teams

Android Native	Angular	APIs	ASP .Net MVC
AutoFixture	Axe	Axios	Azure
Babel	Bitbucket	BootStrap	BuildMaster
Chrome Developer Tools	CosmosDB	C#	CSS
Crystal Reports	Dapper	Docker	Entity Framework
Git	Git Extensions	Gurkin	HTML
HL7	HyperV	Java	Javascript
Jenkins	Jester	JMeter	jQuery
JSON	Knockout.js	Less	LINQ
MarkDown	Metabase	Mirth	MongoDB
MS Unit Test	NextGen	Node	NotePad++
NuGet (NPM)	NPM	PowerShell	React
SASS	Stash	Selenium	SingalR
SpecFlow	SQL Agent	SQL Management Studio	SQL Server
SSRS	Telerik Reporting	Telerik UI for MVC	TSQL
TypeScript	Underscore.js	UWP	VB.Net
VBScript	Visual Code	Visual Studio	VMWare
Vue.js	WCF	Batch Scripting	WinForms
WIX Installer	WPF	XAML	ZAP.OWASP

Team Researched Solutions in the following technologies.

gRPC	IBM Watson	Jitsi Meet	Kubernetes
MicroServices	PostgreSQL	RabbitMQ	Tesseract.Net
Chatbots	Xamarin	YAML	

Development Supervisor / Manager, EasyID Development

- Successfully led a team of 4 Developers, 2 Quality Assurance Members, and 2 Interns in developing and delivering a HIPAA compliant cloud-driven extension for the EasyID suite, enabling patients to remotely handle registration items.
- Managed the team's workload using Agile Environment Managed in Jira, oversaw major support and development issues, and provided code reviews for all Git repositories related to EasyID product lines.
- Recruited, hired, and trained team members and provided employee reviews, weekly one-on-one meetings, team stand-up meetings, scheduling, and other managerial duties.
- Built a highly successful internship program.
- Reported monthly on project-specific costs and timelines, while maintaining an aggressive development pace with a limited budget.
- Managed Azure deployments from test to staging and production, including the number of dynamic instances for each SSAS application running on Azure.
- Built Azure dashboards for monitoring service quality.

Sr. Lead Web Application Developer and Analyst
- Led development of the hospital software suite EasyID, consisting of Microsoft SQL Server databases, several Windows Services, Windows Applications, and an MVC website, managing disaster recovery/downtime solutions, interfaces with ADT systems generally HL7 based, photo capture, archiving solutions, and automated printing for hospitals.
- Created an Electronic Signature solution within the EasyID suite with the help of a part-time developer and an intern, generating millions of dollars in sales.

Navarre Fire Department   2013-2015
Volunteer Fireman and First Responder

Shearers Foods Inc.   2010-2013
Sr. Web Application Developer and Analyst
- Developed a Reconciliation of Accounts Receivable automation prototype that handled Account Receivable Reconciliation for Shearers Foods Inc.'s largest customer, saving the company thousands in transaction fees monthly and creating a system that could be extended to automate the Accounts Receivable Department.
- Created the Internal Company Sales (ICS) program that automated Intercompany Sales and Purchase Orders, saving Shearers Customer Service Associates over twenty hours of work per month. The tool is comprised of a MCV Razor 4.0 user interface utilizing C#, Telerik controls, jQuery, and Entity Framework.
- Developed a MVC Razor 4.0 user interface to help manage vendor related activities with the Shearers IT development team, consuming a single Test-Driven Developed C# business layer reaching out to several data layers built over Entity Framework.
- Made significant improvements to the company sales forecasting logic in reports and web applications.
- Developed an EDI user interface that saved Shearer's thousands in transaction fees monthly and handles millions of dollars in sales. The .Net Forms Web Application comprised of various data entry forms plus custom created searches with paging and filtering. The business and data layers were written in C# using Test Driven Development including technologies such as jQuery, AJAX, Subsonic, and LINQ. Responsible for all the UI, and most of the primary business and data layer consumed by the site.

- Maintained and created data integrations utilizing various technologies including: SSIS, SQL Server Stored Procedures called by SQL jobs and custom C# Integration Services.
- Created and maintained reports using SQL Server Reporting Services utilizing data found multiple SQL Servers and Oracle.
- Supported various legacy code comprised from languages and tools referred to above plus: VB.net (within multiple frameworks from 1.0 to 3.5), Moo Tools, Source Safe, Microsoft Access, Microsoft Excel, etc.

Management Recruiters   2010-2010

Consultant at Kenan Advantage Group

- Developed a dashboard using Win Forms ASP.NET 3.5, integrating AJAX, jQuery, and Telerik controls to retrieve and display data via custom APIs. The dashboard provided real-time insights into key performance metrics, enabling stakeholders to make informed decisions.
- Designed and maintained multiple reports in SSRS (SQL Server Reporting Services), ensuring the timely and accurate delivery of critical information to end-users.

Schumacher Homes   2008-2010

Web Application Developer
- Developed C# web applications and client applications that consumed XML, SQL Server databases, and various APIs such as Google Documents within multi-tiered, object-oriented, and test-driven development environments.
- Utilized SQL Server development skills including SQL scripting, integration services, and reporting services on a regular basis.
- Created several Flash web elements using XML, video technologies, and ActionScript.
- Used Microsoft-based development tools including Visual Studio 2000/2005/2008 with Team Foundation Source Control to work on numerous projects.
- Maintained and refactored online and client-side software written in VBA and VB.NET.
- Created and formatted various website artworks with Fireworks and Adobe Photoshop.
- Provided management with innovative solutions for present and upcoming problems.

Robert Half Technology   2007 – 2008

Consultant at Will-Burt Company
- Maintained and enhanced existing Visual Basic .NET applications that utilized MS SQL Server 2000.
- Designed and developed a multi-layered application with two presentation layers, business logic layer, and data logic + connection layers using Visual Studio and the following technologies: C#, MS SQL Server 2000, MS Access, and XML / XSL.

Consultant at NEOnet
- Analyzed the structure of a Microsoft SQL Server database and wrote several SQL statements, including Selects, Updates, Deletes, and View Creation statements.

- Resolved issues with missing view data by tracing through numerous join statements and identifying missing or incorrectly entered data.
- Developed a small multi-tiered web application that calculated and displayed student information using VB, C#, and MS SQL Server 2000.

Consultant at Performance Advisors
- Project Planning with Text, Flowcharts, and some UML.
- Refactored several broken VB.Net multi-layered Web Applications.
- Created a C# 3-Tier application to manually synchronize data between multiple databases.

Stark State College of Technology   2006-2007
Information Technology Adjunct Instructor
- Instructed the following class:
  - Microsoft Applications for IT Professionals
  - Intranet/Internet Design with HTML and XHTML
  - Intranet/Internet Design Tools
  - Flash Animation
  - Flash Web Programming
  - SQL Server T-SQL
  - Visual Basic .Net

HSE Systems   2004-2007
Client Services/Web Developer
- Designed and customized Medical Safety Data Sheets Search Engines in ASP for the factory floors of Fortune 500 companies and 800 poison control numbers.
- Contributed to the development of a Chemical Inventory solution for six months as part of a C# .Net development team.
- Designed and developed new web products and demo solutions using standard ASP and ASP.Net.
- Developed database views and functions in Oracle and MSS to improve data retrieval and manipulation.
- Maintained all web-based product templates and client sites on an internal Windows 2003 Server utilizing five instances of IIS web servers.
- Handled 95% of client web/intranet support issues and updates independently with minimal supervision.
- Utilized PowerBuilder, Microsoft's Visual Studio, and SQL Server 2000.
- Provided customer service and account management to a handful of companies.

Stark State College of Technology   2003- 2004
Computer Science & Math Tutor and Lab Technician
- Tutored students in Computer Science and Mathematics during the Spring Semester of 2003.
- Designed and developed ASP database-driven intranet pages to monitor computer parts, electrical engineering machines, and components, and created Flash video tutorials for Stark State College students.
- Provided technical support to the computer labs and assisted with hardware and software troubleshooting. the Spring Semester of 2003 I tutored students in Computer Science and Mathematics.

Quality Computers   1999 - 2000
Computer Technician
- Provided computer repair services and assembled new computer models for the sales floor.
- Assisted customers with technical issues and provided phone support when necessary.
- Collaborated with sales staff to offer technical advice and recommendations to customers.

Education

Stark State College of Technology
Computer Science
- Associate degree in Computer Science in Online Software.
- Stark State College Computer Science Certificate of Program Completion in Visual Basic.
- Stark State College Computer Science Certificate of Program Completion in Java.
- Stark State College Computer Science Certificate of Webmaster Program Completion.
- Stark State College Computer Science Certificate of Advanced Webmaster Program Completion.

Other
- First Responder Certification
- Volunteer Firefighter Certification.
- Hundreds of hours of online courses, Software Conferences, and Meetups.

Professional Memberships & Awards

- Member of the International Association of Accessibility Professionals (IAAP) from 2019-2020.
- Co-organized and hosted Tech Night, a private IT knowledge-sharing group in 2018 and 2019.
- Served as a carded Fire Fighter and Emergency First Responder on the Navarre Volunteer Fire Department from 2012 to 2015.
- Co-organized the Canton Software Craftsmanship Special Interest Group in 2012.
- Charting sponsor and founding President of the Chip Chatters Toastmasters Club in 2012.
- Member of the Towpath Toastmasters in 2012.
- Served as the webmaster of the Stark County Aqua Life Enthusiast Society from 2005 to 2007.
- Elected as Stark State College's Association of Information Technology Professionals (AITP) Webmaster for the 2003-2004 term, and as the Vice President in the Spring of 2004.
- Developed Stark State College's AITP Chapter Web Site which placed fourth in the 2003 and 2004 National AITP Chapter Web Site Competition.
- Elected as the Founding President of the Stark State College of Technology Chapter of AITP from 2002 to 2003.

Hobbies and Side Projects

AI Stock Trading Bot Software Project
- Initiated this project after completing an AI/ML bootcamp in 2019, which inspired the development of an autonomous stock trading system while working full-time. The system became operational three years later.
- Designed and implemented a suite of services to capture, monitor, and analyze stock market data, and execute trades across multiple accounts.
- Designed and developed a .NET Blazor Excel Web Add-In early in the project—prior to full trading automation—that generated ROI-driven spreadsheets with dividend forecasts, quote tracking, payout dates, and monthly income projections to support data-informed investment decisions.
- Engineered a modular bot deployment service using interchangeable interfaces to automate trading strategies focused on dividend-yielding equities and cash flow generation.
- Built a custom API and SkiaSharp-powered dashboard to visualize bot decision logic and performance. This includes a fully custom candlestick chart with annotated trade signals, offering a human-readable view of high-volume log data.
- Built and maintained the underlying server and network infrastructure—assembling most systems from refurbished components—to support 24/7 autonomous operation of the trading platform.
- Founded the AISTB Investment Group Inc. in 2023 to offer investment opportunities to family and friends, initially created to build a financial foundation for my daughter.
- Currently integrating locally hosted large language models (LLMs) to enhance decision-making and system explainability—an approach that, if available earlier, could have significantly simplified the architecture and accelerated development.

Conference and Meetups
- I regularly attend the Stir Trek and CodeMash conferences, where I discover new technologies and skills that are directly applicable to my work. These conferences inspire me with new technological horizons and keep me up to date on industry trends.
- I also enjoy attending local software and investment meetups, which not only provide valuable professional networking opportunities, but also allow me to stay current with the latest industry developments.

Other Hobbies
- Spending time with my family is a top priority for me, and we love taking RV trips together to explore new places.
- I enjoy being active outdoors and love hiking, biking, kayaking, and chopping firewood.
- Board games and video games are a great way for me to unwind and relax. I enjoy playing with friends and family, and it's a great way to socialize and connect with others.
- I am enthusiastic about bringing software to life in various ways, one of which is through 3D printing.
- I have a passion for giving back to my community, and even though I am no longer a volunteer firefighter and first responder, I continue to find ways to make a positive impact when I can.