

RENZO ALDRIDGE QUIBALLO

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PROFESSIONAL SUMMARY

Full-Stack .NET & AI Systems Engineer with 4+ years of experience building enterprise backend systems, Blazor/React web applications, and production LLM/RAG solutions. Background includes building internal legal platforms at Baker McKenzie using Microsoft Semantic Kernel and Azure OpenAI, modernizing retail ERP systems with ASP.NET Core and SQL Server, and developing university software systems. Focused on clean architecture, database query optimization, and reliable system design.

SKILLS SUMMARY

Languages	C#, TypeScript, JavaScript, SQL (T-SQL), Python, Java
Backend	ASP.NET Core, .NET 8/9, REST APIs, Entity Framework Core (EF Core), LINQ, Redis, CQRS, Dependency Injection, Clean Architecture
AI & LLMs	Microsoft Semantic Kernel, Azure OpenAI, RAG Pipelines, Qdrant (Vector DB), Ollama, Context Window Management, Semantic Caching
Frontend	Blazor (Server & WebAssembly), Telerik UI, Next.js, React, Angular, Tailwind CSS, HTML5, CSS3, WebSockets
Databases & Cloud	Microsoft SQL Server, PostgreSQL, MySQL, Docker, AWS (S3, RDS), Azure DevOps (CI/CD, Boards, Repos), Git
Testing & Tooling	Playwright, xUnit, Integration Testing

WORK EXPERIENCE

Baker McKenzie — Senior .NET Developer

April 2026 – July 2026

- Built an internal legal collaboration and milestone tracking application using **Blazor Server** and **Telerik UI**, providing lawyers with custom dashboards, case milestone timelines, and role-based permissions.
- Developed a **Retrieval-Augmented Generation (RAG)** assistant using **Microsoft Semantic Kernel**, **Azure OpenAI**, and **Qdrant Vector Database** to index and search case files, contracts, and legal references.
- Implemented document ingestion workflows to parse and index internal legal documents into vector storage with sub-second retrieval.
- Applied semantic caching, prompt filtering, and token tracking in **C#/.NET** to reduce repetitive LLM calls and API costs.
- Participated in Agile sprint planning, code reviews, and user story refinement in **Azure DevOps** alongside business analysts and team leads.

Tarlac MAC Enterprises Inc. (1st Mega Saver) — Software Developer

July 2024 - March 2026

- Modernized core modules of the company's retail ERP system across multiple appliance store branches using **ASP.NET Core**, **C#**, and **SQL Server**.
- Developed a centralized web portal in **.NET** for 200+ employees across store branches, replacing paper-based reporting and records management with role-based access and document search.
- Profiled and optimized slow SQL Server queries, added targeted database indexes, and resolved N+1 query bottlenecks in **Entity Framework Core** to prevent sync lag between branch POS terminals and the central database.
- Refactored monolithic backend code into modular **ASP.NET Core** services, reducing deployment configuration errors across branch servers.
- Worked directly with retail and warehouse operations staff to map out inventory and sales workflows into production software features.

Tarlac State University — Instructor / Software Developer

2022 - 2024

- Built and maintained internal university web systems in **.NET** and **SQL Server**, including the **Faculty Evaluation Portal**, **Student Grading System**, and **Enrollment Tools**.
- Taught undergraduate courses in Object-Oriented Programming (C# / Java), Data Structures & Algorithms, Web Development, and Database Systems.
- Prepared laboratory assignments and conducted weekly code reviews to teach software design patterns, clean code, and practical debugging.

Freelance Software Developer — Full-Stack & Cloud Systems

2021 - Present

- Developed and deployed a custom administrative Content Management System (CMS) and public portal for the **Ramos Water District (Tarlac)** to manage consumer records and service announcements.
- Built real-time collaborative web tools using **WebSockets** and LLM integrations with sub-100ms sync for distributed users.
- Containerized applications using **Docker** and configured cloud deployments on **AWS (S3, RDS)** with automated CI/CD pipelines.
- Implemented secure API endpoints following **OWASP Top 10** guidelines, including JWT authentication, rate limiting, and SQL injection prevention.

EDUCATION

Bachelor of Science in Information Technology

Tarlac State University | Graduated July 2022 | 1.4 GPA