

ROMEO ADJAM

SOFTWARE ENGINEER | Full-Stack, Cloud & AI Systems

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SUMMARY

Software Engineer with 10+ years building reliable enterprise systems across philanthropy, manufacturing, bedding, and retail healthcare. Combines C#, Python, SQL, .NET, Azure, and Docker across APIs, data pipelines, identity, analytics, and AI automation - supporting thousands of users and transforming 400+ tables with 2,000+ queries to replace multi-day reports with 24/7 operational access.

TECHNICAL SKILLS

Core: Python, C#, SQL, .NET/ASP.NET Core, FastAPI, REST APIs, Azure, Docker, SQL Server, PostgreSQL | **AI & Data:** LangChain, RAG, OpenAI API, Pinecone, Weaviate, Redis, ETL/Data Pipelines, Power BI

Working knowledge: React, Angular, JavaScript/Node.js, PHP/Laravel, MySQL, WPF, CI/CD, n8n

SELECTED PROJECTS

n8n Task Automation & AI Workflow Lab | [Workflow Library](#) - Adapted selected workflows from a public n8n library of 200+ templates to automate recurring workplace tasks and prototype RAG and vector integrations with OpenAI, Pinecone, Weaviate, Supabase Vector, and Redis.

Revoloyalty | [Live Product](#) - Solo technical founder owning product strategy, architecture, backend, AI concierge, cloud deployment, and go-to-market for a live membership and referral platform using PHP/Laravel, MySQL, Python, and REST APIs.

PROFESSIONAL EXPERIENCE

Walton Personal Philanthropy Group | Software Engineer 2021-Present

SYSTEM OWNERSHIP: Owns cross-system reliability from secure access through analytics and production release.

- Design and deliver secure enterprise data products for philanthropy workflows, integrating C#, .NET, Blazor, EF Core, SQL Server, and DevExpress XAF across application, business-logic, data, and reporting layers.
- Embedded Power BI analytics and Okta/OIDC identity into line-of-business applications, bringing governed reporting and role-based access directly into operational workflows.
- Resolve production issues across application, API, database, identity, and reporting boundaries; coordinate releases and drive cross-system fixes through deployment.

Oxford Global Resources | Software Engineer 2020-2021

SYSTEM OWNERSHIP: Stabilized manufacturing data flows while turning reporting needs into repeatable automation.

- Delivered features and production fixes across manufacturing CRM and CMS product lines, improving reliability while expanding operational capabilities.
- Expanded Python and SQL Server data pipelines that transformed CRM/CMS data into repeatable reporting-automation workflows.

Leggett & Platt - Bedding Division | IT Specialist 2017-2020

SYSTEM OWNERSHIP: Connected partner service requests to technician execution and live operational data.

- Authored stored procedures and 2,000+ cleanup queries across 400+ SQL Server tables, normalizing Freshdesk CRM data and reducing query errors for Saatva and other bedding partners.
- Built a REST API that replaced multi-day batch exports with 24/7 live ticket access, keeping partner, customer-service, and technician workflows synchronized.
- Automated data capture with database triggers and built a C# WPF application to track returned electronic components through operational and R&D workflows.

Walmart Global Tech | Programmer 2015-2017

SYSTEM OWNERSHIP: Kept retail healthcare payment and client workflows dependable at enterprise scale.

- Built Node.js integration services enabling real-time payment processing for Walmart Vision Center operations.
- Maintained WPF and VB.NET applications and deployed production fixes across payment and .NET client layers, supporting Pharmacy and Vision Center workflows for thousands of enterprise users.

EDUCATION

- **M.S., Applied Artificial Intelligence (Expected 2027)** - Eastern University
- **Master's, Leadership and Management (2025)** - Arizona State University
- **B.S., Technological Entrepreneurship and Management (2024)** - Arizona State University
- **B.S., Computer Science (2015)** - University of Maryland University College (UMUC)

CERTIFICATIONS

Python Specialist - Global Tech Experience | SQL Specialist - Arizona State University | Technical Product Management - LinkedIn | Fullstack Web Developer - LaunchCode | C# and .NET - TestDome