

Joseph Miller

Founder and Principal Engineer

Phoenix, AZ, United States | [LinkedIn](#) | [RidgeXAI](#)

Full-stack engineer with 10+ years building enterprise software and AI solutions, combining technical execution with client-facing leadership to deliver complex integrations and production systems.

EXPERIENCE

Founder and Principal Engineer RidgeXAI Forward-deployed engineer for mid-market clients in real estate, construction, and professional services. Owns end-to-end delivery from scoping and architecture to custom development. Built RidgeXAI's AI-native backbone including client portal with document signing and Stripe Billing, automated agents for proposals and project kickoff, and a company memory layer orchestrated via n8n and Cloudflare Workers.	Jul 2026 — Present <i>Phoenix, Arizona, United States</i>
Senior Developer / Enterprise Architect UC San Diego Technical lead for HR IT portfolio serving 150,000+ users across 70 systems and integrations. Building UCSD's first agentic enterprise product: a multi-tenant Staff Performance Appraisal platform for 40,000+ staff on Supabase and Next.js. Driving institutional adoption of Supabase across ITS and leading AI-native architecture modernization across the full employee lifecycle.	Jun 2022 — Present <i>Phoenix, Arizona, United States</i>
Senior Programmer/Analyst Indiana Institute of Technology Led modernization of legacy systems with C#/.NET and REST APIs, replacing 70% of VB and SQL codebase. Rebuilt LMS-SIS sync and worked directly with CIO, President, and business stakeholders on system architecture and delivery.	Oct 2019 — Jun 2022 <i>Fort Wayne, Indiana, United States</i>
Software Developer Ticomix, Inc. Built and maintained responsive web applications using .NET MVC and front-end technologies including jQuery, TypeScript, HTML5, and CSS3. Worked collaboratively in an Agile environment with a cross-functional team of developers and architects to deliver scalable solutions using C#, LINQ, REST APIs, and Kendo UI components. Specialized in data management and reporting through SSRS and Telerik report development, SQL database maintenance, and backup operations. Leveraged Azure DevOps for CI/CD pipelines, release management, and source control while supporting legacy FoxPro system conversions and modernization initiatives. Contributed beyond development through client engagement, technical presentations, and knowledge sharing. Regularly presented Microsoft technology courses to team members, conducted research on emerging development tools, created comprehensive technical documentation, and mentored junior developers and interns using industry-standard tools including Git, Visual Studio, and SQL Server Management Studio.	May 2014 — Oct 2019 <i>Loves Park, Illinois, United States</i>

EDUCATION

Indiana Institute of Technology <i>Master of Science - MS in Engineering Management - Information Systems</i> GPA: 4.0	Jul 2020 — Dec 2021
Indiana Institute of Technology <i>Bachelor of Science - BS in Computer Security and Investigations</i> GPA: 4.0	Aug 2014 — May 2018

PROJECTS

Community platform for finding local recreation passes , Tonto Pass Near Me Built and launched solo. Helps users find where to buy local recreation passes in their area. Grew to 10,000+ clicks and 200,000+ search impressions within the first month, now sustaining 2,000 clicks monthly.	
Fintech SaaS for self-directed investors and AI agents , Allocait Built solo fintech platform featuring allocation rules, holdings and watchlists, scenario modeling, and automatic drift alerts. Designed for self-directed investors and AI agents to manage portfolios programmatically.	

CERTIFICATIONS

Lean Six Sigma Green Belt , UC San Diego Extended Studies	Jul 2024
Lean Six Sigma Yellow Belt , UC San Diego	Feb 2023
Exam 480: Programming in HTML5 with JavaScript and CSS3 , Microsoft	Aug 2018

Exam 486: Developing ASP.NET MVC Web Applications , Microsoft	Aug 2018
Exam 532: Developing Microsoft Azure Solutions , Microsoft	Aug 2018
MCSA: Web Applications - Certified 2018 , Microsoft	Aug 2018
MCSD: App Builder — Certified 2018 , Microsoft	Aug 2018
Certified Peer Educator Training , The BACCHUS Network	Feb 2016
Comcast Leaders & Achievers Scholarship , Comcast Corporation	
Margaret T. Craig Service Scholarship , Community Foundation of Northern Illinois	
Presidential Scholarship , Indiana Institute of Technology	
Prudential Spirit of Community Award , Prudential Financial	
USBC Dexter All-American Team , United States Bowling Congress	
USBC Earl Anthony Memorial Scholarship , United States Bowling Congress	

SKILLS

Legacy Modernization · .NET Framework · Enterprise Architecture · Artificial Intelligence (AI) · Claude Code ·
 Technical Leadership · IT & Business Strategy Alignment · System Integration · Analytical Skills · C# · Project
 Management · Software Design · Software Architecture · Agile Methodologies · Requirements Analysis · Data
 Analysis · Microsoft SQL Server · REST APIs · TypeScript · React · Next.js · Node · Python · SQL · C#/.NET
 · Java · WebSockets · Stripe · Supabase · PostgreSQL · Docker · AWS · Vercel · Cloudflare Workers · Railway ·
 Azure · GitHub Actions · MCP servers · n8n · multi-agent orchestration · Oracle Financial Cloud · UCPath · UKG
 · ServiceNow · SAP HANA · ETL · rapid prototyping · cross-functional leadership · vendor management · Lean