

Adrian Galicia

Engineering Manager who still ships · Senior .NET / Angular / Azure Engineer

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Summary

Engineering manager and hands-on engineer with 10+ years building C#/.NET, Angular and Azure systems at Citi, Wells Fargo and PwC. At PwC I lead an overseas team modernizing tax applications to Angular 20+; standardizing how work is defined and handed off raised PR throughput 40% and cut QA investigation time ~60%. I build AI into how teams deliver (an AI PR reviewer, agent workflows with Cursor, Claude Code and Codex) and still ship my own production AI products on a self-hosted Docker platform.

Core Skills

Backend: C#, ASP.NET Core / .NET, Web API, EF Core, Dapper, Python / Flask, REST, GraphQL

Frontend: TypeScript, Angular (14–20+), React / Next.js, accessibility and UI review

Cloud & DevOps: Azure (Functions, queues/messaging), Azure DevOps CI/CD, GitHub Actions (self-hosted runner), Docker, Cloudflare Tunnel, Linux; AWS / GCP

Data: SQL Server / T-SQL tuning, PostgreSQL, MySQL, Firebase, Hasura

AI engineering: MCP servers, LLM features, Whisper, AI code review, agent workflows (Cursor, Claude Code, Codex, GitHub Copilot)

Leadership: overseas team leadership, delivery governance, spec-driven development, requirements and acceptance criteria, mentoring, Agile / Scrum

Professional Experience

PwC — Software Engineering Manager, Tax Technology; Dallas–Fort Worth (Hybrid) | Aug 2025 – Present

- Lead an overseas team of 5 engineers rewriting legacy tax application modules (UI, backend and business logic) into Angular 20+ and updated service patterns, shipping modernized modules to production.
- Raised PR throughput 40% and cut QA investigation time ~60% by standardizing how PBIs, features, epics and tickets are written and handed off between developers and QA.
- Built an AI-powered PR reviewer aligned with team coding standards that gives developers fast, consistent first-pass feedback before human review.
- Wrote the team's AI usage guidelines and agent workflows for Cursor, Claude Code and Codex, adopted by 8 developers to investigate and deliver features faster.
- Introduced spec-driven development and shared patterns to reduce tech debt and standardize code across teams.
- Run weekly delivery governance with tech leads, business analysts and functional teams: refinement, acceptance criteria and upcoming-work planning.
- Primary reviewer for frontend changes; guide migration priorities toward the highest-impact legacy components.

Wells Fargo — Sr. Full Stack Software Engineer (Acting Lead); Dallas, TX (Hybrid) | Apr 2023 – Aug 2025

- Acted as informal team lead: drove architectural decisions for network-automation tools and mentored 2 junior developers.
- Migrated the team's main application, about 15 features, from legacy Vanilla JS / ASP.NET WebForms to React and Angular 14 on .NET Core Web API services.
- Built and maintained RESTful .NET Core Web APIs for internal network-automation tools; tuned slow T-SQL queries on MSSQL.
- Built a custom Visual Studio extension that automated repetitive team workflows and removed manual steps from daily development.
- Maintained Azure DevOps CI/CD pipelines and used GitHub Copilot to speed up automation scripting; resolved production issues in Agile delivery.

BBG Inc. — Software Developer; TX (Remote) | May 2022 – Apr 2023

- Designed a real-time alerting system on Azure queues, messaging and Functions that notified users of new activity in a real-estate valuation app.
- Built Web APIs (ASP.NET Core, Dapper, EF Core, MSSQL) to migrate internal legacy apps onto a new platform; built Angular 14 UI features.
- Released through Azure DevOps CI/CD pipelines and boards.

Citi — Engineering Lead Analyst (Nov 2020 – May 2022); Engineering Analyst (Jun 2016 – Nov 2020); Irving, TX | Jun 2016 – May 2022

- One of two team leads (team of 2–3 engineers): gathered requirements with stakeholders, proposed architecture and mentored developers.
- Automated network infrastructure changes by generating and updating router/switch configurations through ASP.NET MVC 5 / Web API (C#, VB) and Python services, replacing manual configuration work.

- Built Angular 10+ web interfaces for internal network-automation tools.

Newstein Systems — Full Stack Developer; Remote | Jan 2015 – May 2016

- Built an ASP.NET MVC 5 app managing student accounts for 4 Lubbock ISD schools, and an aviation inventory tracking system for MEC Group (PHP/Laravel, AngularJS, SQL).

Freelance & Self-Employed

MTT Consulting — Freelance Technical Lead; TX | Jun 2023 – Dec 2025

- Modernized a client's time-tracking and reporting system: upgraded the JS/PHP stack, refactored legacy code, introduced Git, and added California labor-law HR reports.
- Hardened a healthcare-staffing WordPress site against DDoS and bot attacks and coordinated an overseas team on a redesigned-site launch with minimal downtime.

RemesWorld LLC — Software Engineering Lead (self-employed); Dallas, TX (Remote) | Apr 2020 – May 2022

- Led an offshore team (1 designer, 3 developers) building a Next.js/React web app on Firebase, PostgreSQL, GraphQL and Hasura, with CI/CD pipelines; ran Agile/JIRA planning.

Selected Projects

- **ReelCheck** — reelcheck.win | Python, MCP, REST, yt-dlp, Whisper. Nonprofit media-literacy assistant that analyzes short-form video: transcribes audio with Whisper, samples frames and runs claim-aware analysis. Exposes an MCP server used from GitHub Copilot in VS Code.
- **HomeVisor** — homevisor.adrianplusplus.com | in development. Home-utility automation that collects electricity usage from Smart Meter Texas and retail plan data from the provider, served through a usage API and an iOS widget.
- **Self-hosted app platform** — Docker, Cloudflare Tunnel, GitHub Actions. Run about a dozen Dockerized apps on my own server behind Cloudflare Tunnel, deployed by GitHub Actions on a self-hosted runner.
- **AhiVa** — ahiva.adrianplusplus.com | pre-MVP. Marketplace concept connecting Mexican neighborhoods with street vendors; landing page with waitlist and a clickable UX prototype.
- **Rado number calculator** — rado.adrianplusplus.com | JavaScript. Backtracking search for Rado numbers with a proof-tree view, built during the Rutgers DIMACS REU research program.

Education

San Diego State University — B.S. Computer Science, 2015. Major GPA 3.68.

Rutgers University (NJ), DIMACS REU — Research Intern, Summer 2013: algorithm for computing Rado numbers (Ramsey theory), presented as a web tool.

Certifications

- Microsoft Certified: Azure Fundamentals — Microsoft (May 2024)
- Agentic System Design — Educative (Sep 2026)
- AI Product Engineering: Ship Reliable LLM Features End-to-End — Educative (Aug 2026)
- Cursor AI for Enterprise: Modernizing Professional Development — Educative (Jan 2026)
- Become an Effective Engineering Manager — Educative (Jul 2025)

Languages

English (professional), Spanish (fluent)