Fatima Macias

Senior Full Stack Developer

Atlanta, GA · fatima.macias.us@gmail.com · linkedin.com/in/fatima-macias · fatimacias.com

SUMMARY

Senior Full Stack Developer with 10+ years of experience architecting enterprise-grade software across finance, logistics, and SaaS. Deep expertise in the Microsoft stack (.NET Core, C#, Azure) with a track record of measurable outcomes: 55% faster API response times, 98% test coverage, and full automation of payment workflows. Currently expanding into Generative AI and AI Agents to build intelligent, next-generation solutions.

TECHNICAL SKILLS

Languages: C#, Python, JavaScript, SQL, Visual Basic

AI & ML: Generative AI, AI Agents, Prompt Engineering, Gemini API, GitHub Copilot, Claude

Back-End & Cloud: .NET Core 8, ASP.NET MVC, FastAPI, REST APIs, Microservices, Azure (DevOps, Functions, AZ-104), Docker, CI/CD

Databases: SQL Server, PostgreSQL, Entity Framework, LINQ, Dapper, Query Optimization

Front-End: React, HTML5, CSS3

Tools & Workflow: Git, GitHub, Azure DevOps Boards, Postman, Jira, VS Code

Practices: Agile/Scrum, TDD (xUnit), Clean Architecture, DDD, OOP, ETL

PROFESSIONAL EXPERIENCE

AI Trainer & Reviewer, Independent Contractor 2025 - Present

- Evaluate AI-generated responses for quality, accuracy, safety, and alignment across diverse task domains.
- Review and audit other contributors' annotations, scoring submissions against established rubrics and providing corrective feedback.
- Provide structured feedback and ratings used to fine-tune large language models. Work is under confidentiality agreements.

Senior Software Developer, Bombyll, USA Mar 2024 - Present

- Architected a configurable AI decision-making system supporting multiple LLM providers (Claude, OpenAI, Gemini) with built-in cost management and dynamic provider switching based on task requirements.
- Designed provider-agnostic AI pipelines, abstracting model-specific logic for flexibility and cost efficiency across production workflows.
- Adopted spec-driven development with TDD to translate AI-assisted plans into reliable, well-tested code; integrated AI coding assistants (Claude, GitHub Copilot, Sonar) to improve quality and reduce implementation time.
- Built an AI-powered study platform with Python, FastAPI, and the Gemini API that auto-generates structured educational content from video sources.

Senior Full Stack Developer, Oncedev / Willdom *(contract)* Sep 2021 - Dec 2023

- Architected self-service insurance comparison platforms (auto, health, life) using Domain-Driven Design on ABP Framework, with built-in security layers and audit logging.
- Leveraged ABP modules for authorization, multi-tenancy, and logging to accelerate delivery of core business features.
- Integrated 3 payment gateways, increasing processing flexibility by 40%.
- Reduced API response times by 55% through SQL query optimization, strategic indexing, and distributed caching.
- Reached 98% test coverage with xUnit, cutting post-deployment bugs by 90%; implemented CI/CD pipelines in Azure DevOps.

Founder & Senior Software Engineer, Kyklos Jul 2017 - Nov 2023

- Founded an independent software venture and built custom financial systems for client companies.
- Built ETL systems integrated with JD Edwards ERP that take a single source format and generate 7 bank-specific files, each ready to upload to a different banking platform, automating 100% of manual supplier payments and reducing finance teams' workload by 25%.
- Developed integrations with local payment buttons (online payment gateways) for the delivered systems.
- Modernized and modularized legacy codebases, reducing operating costs by 25%; developed SQL Server schemas, stored procedures, and query optimizations for high-volume workloads.
- Developed an electronic invoicing module with ASP.NET MVC and SQL Server, ensuring full regulatory compliance.

Senior Software Developer, Wo Logistic Feb 2015 - Jun 2017

- Engineered a port operations system integrating truck scale/weighing hardware with billing software, automatically calculating storage, inspection, and port fees.
- Developed electronic invoicing and shift management systems, improving traceability and compliance across port workflows.

Software Engineer, Escopusa Nov 2011 - Jan 2015

- Automated financial report generation, boosting accounting department productivity by 25%.
- Modernized VB6 legacy code to VB.NET, improving compatibility and maintainability.

EDUCATION & CERTIFICATIONS

B.S. Computer Science, Universidad de Guayaquil, Ecuador (Oct 2015)
Claude Code in Action, Anthropic (2026)
Microsoft Azure Administrator Associate (AZ-104), Microsoft (2023)
Prompt Engineering Certificate, LinkedIn Learning
Machine Learning & Generative AI, Coursera & Independent Study
Software Development Program, Code The Dream