Mikel Diaz

Forward Deployed Software Engineer

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I build enterprise AI applications and data integrations, working with business users from discovery and implementation through acceptance testing and rollout.

EXPERIENCE

Invisible Technologies

Forward Deployed Software Engineer Jun 2025 - Present

- Built an enterprise AI assistant end to end with FastAPI, Azure OpenAI, Snowflake, and Next.js.
- Hardened report ingestion against changing identifiers and missing data. Refined question handling with business users during acceptance testing.
- Shipped a second AI service for employee goal suggestions using structured outputs and containerized deployment.

Process Operations Analyst Jun 2024 - Jun 2025

- Configured ontologies and annotation rules, maintained image and video datasets, and built transcoding and schema export utilities.
- Developed AI training workflows with code execution, data transformations, and automated feedback.

QA Lead / QA Engineer / AI Trainer Dec 2022 - Jun 2024

- Led and trained QA reviewers, wrote code review guidance, and built dashboards to track recurring quality issues.
- Evaluated Python, TypeScript, and JavaScript model outputs and wrote reference solutions for software tasks.

INDEPENDENT WORK

Clover MCP Server
Built and published a Python and FastMCP integration for merchant data with OAuth 2.1, guarded write operations, and regression tests.

TECHNICAL SKILLS

Backend and data · Python, SQL, FastAPI, REST APIs, Snowflake, ETL
AI applications · Azure OpenAI, structured outputs, LLM evaluation, MCP
Frontend and delivery · TypeScript, Next.js, React, Docker, Kubernetes, pytest

COURSE CERTIFICATES

Learn Node.js · Codecademy · May 13, 2022
Learn Recursion with Python · Codecademy · May 31, 2022

EDUCATION AND LANGUAGES

Science and Humanities Diploma, Colegio San Agustín, 2021
Spanish (native), English (fluent)