Manasés Lovera

Software Engineer

Contact

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📍 Dominican Republic, Santo Domingo.

About Me

Versatile Software Engineer with expertise across the full SDLC, specializing in robust backend development, system scalability, and optimization. Proven ability to architect, build, and deploy high-performance applications using Python, C, C#, and TypeScript. Experienced in integrating advanced technologies (AI/ML) to streamline processes and enhance operational efficiency.

Skills

- Frontend (React, JS/TS, Nextjs)
- Backend (FastAPI, Flask, NestJS, ExpressJS, ASP .NET (.NET Framework & .NET 8+.
- Cloud (GCP, Azure)
- AI/ML (scikit-learn, pytorch, pandas, numpy)
- SQL/NoSQL (SQL Server, PostgreSQL, Oracle, MongoDB)

Language

- English
- Spanish

Experience

Software Engineer - Tagshelf   Nov 2024 - Present

Maintain and evolve the AI-driven Alfred platform, enhancing features and optimizing processes to meet growing demand.

Focus on: Ensuring scalability, refining ML-driven solutions (Computer Vision, NLP), and building with a deep understanding of impact on both technology and end-users.

Machine Learning, Agentic AI, ASP .NET, Express, FastAPI, flask, Cloud Providers.

Instructor AI - Alterna Academy   Sep 2025 – Present

Teaching Artificial Intelligence, applied mathematics for ML, and core paradigms including supervised, unsupervised, reinforcement, and deep learning.
I also mentor students exploring LLMs, agentic AI, and modular AI architectures (MCP).

Machine Learning, Deep Learning, AI SDK, MCP, Hugging Face.

Software Developer - Oriontek   Apr 2024 – Jul 2024

Develop entire backend and deployment of backend and frontend using Azure, also helping the team in the frontend side with backend integration.

React, ASP NET Core, Azure

Education

Software Engineering   2021 - Present
Universidad Abierta Para Adultos (UAPA)
Learning the entire SDLC and best practices for leading and developing software.

Software Developer   Feb 2024 - June 2024
Alterna Academy
Learning modern technologies to meet market requirements: react, react native, express, ASP .NET Core, Linux, Flutter, Cloud Computing, Docker, git/github, and more...

Artificial Intelligence   Nov 2025 - Ene 2026
Talento Digital
lLearning AI concepts and modern AI tools, developing ML models from scratch and understanding math behind modern AI arquitectures, using tools like Colab, Azure Machine Learning, scikit learn, pytorch, Vertex AI, and more.

References

Marlyn Pimentel
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