KEVIN JAFET MORAN OROZCO

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SUMMARY

AI Engineer with experience in developing, optimizing, and deploying Artificial Intelligence models. Skilled in NLP and Large Language Models (LLMs) with fine-tuning and model evaluation. Experienced in NAS (Neural Architecture Search), bioinspired algorithms, and applied deep learning using PyTorch. Led end-to-end implementation of AI solutions, integrating models with APIs and web services for real-world applications. Seeking to build scalable, impactful AI systems by applying solid engineering principles and scientific thinking.

EDUCATION

Artificial Intelligence Engineering Jan 2022 - Dec 2025
Instituto Politecnico Nacional - Escuela Superior de Computo (ESCOM)

Technical degree in programming 2018 - 2021
Centro de Estudios Cientificos Y Tecnologicos N°9 Juan de Dios Bátiz

EXPERIENCE

Banco de México - AI Engineer intern Mar 2025 - Sep 2025

- Developed a Named Entity Recognition (NER) model with +75% accuracy using local LLMs (qwen and granite) and fine-tuning techniques.
- Built a web application for model testing, reducing evaluation time and improving accessibility
- Implemented a response evaluation pipeline using self-assessment assisted by human feedback, optimizing prompts and increasing model accuracy by +15%.

Rombo works - AI Solutions Lead Feb 2024 - Nov 2024

- Led backend–frontend development and integration of the project system, defining modular architecture and APIs for interoperability with AI services.
- Implemented a per-user token control system to ensure application accessibility and integrity.

Alianza de Donatarias en Adicciones - Fullstack Aug 2022 - Oct 2024

- Developed a full-stack web application connecting 100+ organizations nationwide for collaboration on addiction prevention, increasing outreach and resource dissemination.
- Managed servers and deployments, ensuring security and high availability.

PROJECTS

NAS + Synflow Optimized CNN – Implementation of Neural Architecture Search, using PyTorch and bioinspired algorithms; reducing parameters by 37% with only a 0.04 decrease in accuracy.

TOOLS AND SKILLS

- Programming: Python, JavaScript
- AI & Machine Learning: PyTorch, TensorFlow, Scikit-Learn, NumPy, Pandas, NAS (Neural Architecture Search), Bioinspired Algorithms
- NLP & LLMs: HuggingFace Transformers, LangChain, OpenAI API, Fine-tuning, Prompt Engineering
- Deployment: FastAPI, Docker, REST APIs, Linux, Git
- Others: CUDA, Postman, MongoDB, MySQL