Jordano Pernia, Software Engineer

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SUMMARY

Full-stack software engineer with 4+ years building web products and 1+ year shipping production LLM systems. At Seika AI I architected and built KonEmpleo, an AI recruiting platform (Django REST, Celery, pgvector, Pydantic AI, four Next.js portals) from an empty repo to daily use by recruiters and their clients, and an AI document-processing pipeline (Claude vision, Google Drive/Sheets) that an accounting firm runs every day. Comfortable across Python, TypeScript and Go; strongest at turning a vague business need into a working system, then iterating on it with real users. I use AI coding tools daily and design codebases so that
agents and humans can work in them safely.

PROFESSIONAL EXPERIENCE

Seika AI - B2B Software Solutions

AI Software Engineer
Bogota, Colombia (remote), Jan 2026 - Oct 2026

KonEmpleo, AI talent-search and outsourcing platform for a recruiting firm (engineer on a 2-person team):

- Architected and built the platform from scratch: a **Django REST + Celery** backend serving **four Next.js portals** (recruiter, admin, candidate, client) with 113 endpoints, 57 models and ~1,900 automated tests, deployed on Railway with Docker.
- Built the s**emantic candidate search**: LLM-expanded queries (HyDE) embedded and matched against CV embeddings in **PostgreSQL/pgvector,** combined with keyword and synonym relevance filters plus role and location boosts, and enriched with public LinkedIn profiles via Brave Search and external people-data providers.
- Developed **Arka**, a tool-calling conversational recruiting agent on **Pydantic AI** (Anthropic / OpenAI / Bedrock) that searches candidates, creates offers and pipelines and prescreens applicants; consolidated eight ad-hoc LLM clients into one agent domain with prompt caching and cost telemetry, making the model swappable by environment variable.
- Built the **CV ingestion pipeline**: async Celery workers extract structured data from PDF, DOCX and scanned CVs (vision OCR fallback), version and vectorize them; candidates self-serve through a public portal with email OTP.
- Designed and shipped a **multitenant client portal** with OTP auth, stage tracking, notifications and an audit log, so external clients can review and decide on presented candidates.

Equifinanzas, AI document processing for an accounting firm:

- Built an **AI document-processing pipeline** for accounting records. a **Django + Celery backend** uses C**laude vision** to classify each document and extract structured fields from digital PDFs as well as scanned images and phone photos.
- Automated filing end to end: every document is renamed and placed in the right client and period folder in **Google Drive** and its data appended to the **Google Sheets** the accountants already work in, cutting per-document handling from minutes of manual reading and typing to seconds.

UNET - Office of Research

Software Engineer
Tachira, Venezuela, Nov 2024 - Dec 2025

- Built a **real-time transportation management and tracking system** for the university fleet: **Go** backend with a live location feed, **React** web dashboard and **React Native** app for riders and drivers, with usage statistics and analytics on rider behavior.
- Contributed to the campus digitalization program, delivering internal tools that modernized student and staff workflo

Freelance - Full-Stack Developer

Freelancer Web developer
Remote, Jun 2024 – Dec 2025

- Delivered more than six websites and internal management systems for small businesses, from landing pages to admin panels.
- Maintained and extended client sites: payment integrations, transactional email and new sections on request.

Sistemas del Caribe - Web development agency

Full-Stack Developer
Quintana Roo, Mexico · Nov 2023 – May 2024

- Built web applications from scratch for local business owners, working directly with clients to scope requirements.
- Diagnosed and fixed performance and UX issues in existing apps, from visual bugs to broken navigation flows.

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Bidaia Travel - Travel & tourism start-up — **Full-Stack Developer**
California, US (remote), Aug 2022] – May 2024

- Built a responsive booking website with **Google Maps API**, payments through **Stripe** and, and a custom **REST API** for reservations.
- Turned **Figma** designs into a React + Tailwind CSS site using Atomic Design.

SKILLS

Programing Languages: Typescript/Javascript | GO | Pythob |SQL

Backend: Django| Celery | Redis | PostgreSQL | pgvector | REST API design | JWT / OTPauth

React: Next.js | React Native | Tailwind CSS | Figma

AI / LLM: Anthropic & OpenAI APIs | Pydantic AI | Tool calling Agents | Embeddings & Semantic Search | prompt caching | MCP |document extraction / OCR

Infra / Tools: Docker | AWS (S3) | Railway | Git / GitHub | Linux | Claude Code & AI-assisted workflows

Spoken Languages: Spanish (native) | English (C1) | French (A1)

EDUCATION

UNET - B.Eng. in Computer Engineering (Ingeniería en Informática), Táchira, Venezuela · Apr 2022 – Aug 2027 expected Aug 27

Academic index 7.78 / 9 (≈ 86%). Completed while working full-time as a software engineer since 2023.

SELECTED PROJECTS

- **Curriculum Graph:** web app that maps every course in a degree and its prerequisites, and recommends the optimal courses for next semester with a DFS-based planner. Is used by many studentes of the UNET
- **AI maintenance-ticket agent:** LLM agent for a real-estate agency that triages and routes tenant maintenance requests.
- **Academic repository, University of Los Andes (Táchira):** document repository for the Obstetrics & Gynecology postgradate program.
- **UCATMUN X participant system, Catholic University of Táchira:** registration and participant management for a Model UN conference.