Miguel Ángel Guaita Villaseñor

Full Stack Developer · Python · FastAPI · React · Applied AI

Valencia, Spain · +34 615 99 90 86 · miguelanguai@gmail.com · linkedin.com/in/miguelangelguaita · github.com/miguelanguai

SUMMARY

Full stack developer with 2 years of experience building production software with Python (FastAPI, Django), React and Angular. At an SME, I build a platform that streamlines internal operations: it centralizes information from multiple sources and uses generative AI to produce documentation, with most processes automated, tests and CI/CD. Winner of NASA Space Apps Valencia 2023.

EXPERIENCE

Full Stack Developer & Head of IT — Kaizen Consulting Europa

Valencia · Feb 2026 – Present

- Head of IT and lead developer of the company's internal platform, from design to production.
- Backend with FastAPI and Pydantic on PostgreSQL (Alembic migrations), with JWT authentication, password hashing and rate limiting.
- Frontend in React + TypeScript with TanStack Query, validated forms (React Hook Form + Zod) and Tailwind CSS.
- Automated ingestion and validation of documents from multiple sources (PDF, Word and Excel), and documentation generation with generative AI.
- Automated PDF report generation and third-party integrations via APIs, with retries on failure.
- Quality: backend and frontend tests (pytest, Vitest, Testing Library, MSW), linting with ruff and pre-commit, CI/CD with GitHub Actions and error monitoring with Sentry. 600+ pull requests in 9 months.
- AI-assisted development with Claude Code, with custom workflows for code review.

Full Stack Developer — CEAM Foundation

Paterna · Nov 2024 – Feb 2026

- Designed and built VITUclim on my own: the public viewer for Valencia's urban heat monitoring network of 130 active temperature and humidity sensors.
- Backend with Django REST Framework and PostGIS for geospatial data; Angular frontend with interactive maps (Leaflet).
- Processed historical data with pandas and built a Python app for the technical team to validate measurements.
- Deployed with Docker and Nginx, with observability (Grafana, Loki, Prometheus) and load testing.

Software Developer Intern — Capgemini

Valencia · Mar 2024 – Jun 2024

- Vocational training internship (CFGS DAW) in an Agile team: developed features with Spring Boot, Angular and MySQL.

PROJECTS & ACHIEVEMENTS

- **Winner, NASA Space Apps Challenge Valencia 2023**: overall first prize and Best Use of Data award. FireSpotter, a wildfire predictor built on NASA data. miguelanguai.github.io/FireSpotter
- **Nominated for the Extraordinary Vocational Training Awards 2023-2024** (Higher level, Valencian Community), Computing and Communications.
- **finma**: personal finance app with Django, Angular, PostgreSQL and Docker Compose, built with custom Claude Code workflows. github.com/miguelanguai/finma

TECHNICAL SKILLS

- **Backend:** Python, FastAPI, Pydantic, Alembic, Django, Django REST Framework, Java, Spring Boot, REST APIs, JWT
- **Frontend:** React, TypeScript, TanStack Query, React Hook Form, Zod, Tailwind CSS, Angular, Leaflet
- **AI:** Generative AI, LLMs, Google Gemini, Document AI, document processing, Claude Code
- **Data:** PostgreSQL, PostGIS, MySQL, SQL, pandas
- **Quality & DevOps:** pytest, Vitest, Testing Library, MSW, ruff, pre-commit, GitHub Actions, CI/CD, Docker, Nginx, Linux, Git, Jira
- **Observability:** Sentry, Grafana, Loki, Prometheus
- **Cloud (training and personal projects):** AWS (EC2, S3, Lambda, RDS), Terraform

EDUCATION

- **Vocational Master's in Cloud Resources and Services Administration** — IES Juan de Garay, Valencia · Oct 2024 – May 2025
- **Higher Vocational Diploma in Web Application Development (CFGS DAW)** — IES Juan de Garay, Valencia · 2022 – 2024 · Final grade 8.64/10
- **Bachelor's Degree in Primary Education (English specialization)** — University of Valencia · 2018 – 2022
- **Additional training:** AWS Academy Graduate – Cloud Foundations and AWS Academy Graduate – Cloud Developing (AWS training badges)

LANGUAGES

Spanish (native) · Valencian/Catalan C1 (JQCV) · English B2 (EOI) · French A2 (EOI) · Dutch (basic)

OTHER

- **Football referee**, Lliga Comunitat, Valencian Football Federation (FFCV) · Since 2017. Fast decision-making under pressure and communication in high-tension situations.
- **Work & Travel USA**, Hersheypark (Pennsylvania) · Summer 2023. Worked in an international, English-speaking environment.