

— PROFILE

Software engineer with more than 15 years of experience building products and leading engineering teams. I design and build complete products (frontend, backend and infrastructure) and support companies as a part-time technical leader. Specialised in Python/FastAPI, React, Google Cloud, data and applied AI, with experience in fintech and Banking as a Service. I work in English, Spanish and Catalan through my company, ADRIASOFT INNOVATIONS SL.

— EXPERIENCE

Jacquard · Tech Lead

Oct 2024 – present

- Technical lead of the generation and prediction AI team: architecture, code reviews and planning.
- Services for prompt management and for selecting AI-generated content; integration with Braze.
- Migration of Snowpark (Snowflake) pipelines to serverless orchestrators on AWS Lambda.

Crovia LTD · Director

Jul 2025 – present

- Sole designer and developer of WedDash, a multi-region SaaS platform for wedding venues: six applications, React 19, React Native, FastAPI, PostGIS, Stripe Connect and Google Cloud with Terraform.

CoinPanel (Sweden) · Fractional CTO

Apr 2021 – present

- Technical leadership of a crypto-trading platform connected in real time to Binance, OKX, KuCoin, Bybit, Kraken and other exchanges (13,000+ trades per second at peak).
- Migrated market data from Bigtable to Redis: over 90% lower cost for that component and around 70% lower total infrastructure cost.
- Designed and built its Banking as a Service platform: FastAPI, PostgreSQL, React, Cloud Run; Stripe Connect, Revolut, Wise and Xero; public sandbox for customers.

Infoser New Technologies · Python Backend Developer (freelance)

Feb 2023 – Jun 2025

- Level 2 and 3 support and evolution of an object-oriented Python middleware; Oracle SQL and shell scripting on Linux; English-speaking team.

Orbitalads · Backend Developer

Apr 2019 – Apr 2021

- Lead backend engineer: agile practices, pull requests, SOLID and TDD, architecture changes, Terraform and mentoring.

hundredrooms · Technical Lead / Head of Data

Nov 2015 – Apr 2019

- Built the data team (Labs) from scratch, then led a 10-person Scrum team: hiring, roadmap and alignment with the business.

University of the Balearic Islands · Lecturer and researcher

Sep 2012 – Feb 2023

- Teaching in computer science and mathematics, and research in computer science and artificial intelligence.

— SELECTED PROJECTS

Banking as a Service (CoinPanel). Multi-entity EU/US platform: collections, payments, expense approvals and accounting reconciliation; 187 API operations, 6 financial integrations.

WedDash. Multi-region SaaS for wedding venues: 4 regions, 5 languages, 6 applications, over 1,000 automated tests.

Kume. Real-time cycling app for iOS and Android that works without coverage: navigation, climb alerts, group mode and predictions based on training data.

— EDUCATION

PhD (cum laude) in Information and Communication Technologies · University of the Balearic Islands, 2022

BSc in Mathematics · University of the Balearic Islands, 2011

— SKILLS

Languages: Python, TypeScript, SQL, Shell

Frontend & mobile: React, React Native, Next.js, Vite, Tailwind

Data & AI: PostgreSQL, PostGIS, BigQuery, Snowflake, Redis, LLMs, RAG, AI agents, MCP

Context Curator. Indexes codebases, generates context with a local LLM (Ollama) and serves it to Claude Code through an MCP server.

MSc in Mathematics and Computing · University of Cantabria, 2012

Languages: Catalan and Spanish (native), English (full professional proficiency)

Backend: FastAPI, Flask, SQLAlchemy, REST, Pytest, TDD

Cloud: Google Cloud, GKE, Cloud Run, AWS Lambda, Kubernetes, Terraform, Docker, GitHub Actions

Integrations: Stripe Connect, Revolut, Wise, Xero, Braze