

Albert Alarcón Martínez

Forward Deployed Engineer | AI Agents & Real-Time Data Products

Alicante, Spain | albert9063@gmail.com | +34 600360794 | linkedin.com/in/albertalarcon-software-developer | codewithalbert.netlify.app | github.com/aam9063

Fullstack engineer who owns technical delivery directly with the client, from first spike to production. Builds AI agent and data-extraction systems end to end (SQL-based pipelines, RAG, automated reporting from real-time third-party data) as an agent-first developer using Claude Code and Spec-Driven Development. Comfortable moving between customer conversations, architecture decisions, and hands-on implementation.

SKILLS

Languages: TypeScript, JavaScript, SQL, Python, C#, HTML, CSS

Data & Backend: PostgreSQL, MS SQL Server, MongoDB, Supabase, .NET, Node.js, REST API design

Frontend: Angular, React, Next.js, Tailwind CSS

Tools: Git, GitHub, Azure DevOps, Vitest, Jest, Playwright, Cypress

Practices: Spec-Driven Development, Agentic Building, Prompt Engineering, RAG, Claude Code, AI Agent Development, working directly with clients

EXPERIENCE

Fullstack Software Engineer · Softtek

Sep 2025 – Present · Alicante

- Work on a mission-critical Angular / .NET platform for ArcelorMittal's innovation division, used to run simulations and optimizations for metallurgical model designs, with results visualized, shared, and exported by end users.
- Own the full lifecycle, from initial technical spike to production deployment via Azure DevOps CI/CD, of a YAML configuration generator tool integrated into the platform, handling backend, frontend, and every design decision.
- Work directly with the client to gather requirements and iterate on the solution; the tool's success has led to confirmed plans for similar tools across other parts of the application.

Frontend Developer · Identival

Dec 2024 – Jun 2025 · Alicante

- Built a real estate asset management app for a national valuation company; improved performance using Angular Signals and RxJS subscription optimization.
- Developed reusable components with PrimeNG and integrated the external Mapbox-GL API for asset geolocation.
- Worked in an agile team using Azure DevOps for repositories and task management.

PROJECTS

Training Track trainingtrack.es

SaaS for athletics coaches, in active development. Ingests real-time training and physiological data via Strava and Garmin integrations and turns it into AI-generated performance reports, managed from a centralized coach dashboard.

FactuScan

PWA built for a family-run courier business to remove manual data entry from paper documents. Uses Claude's vision capabilities to extract data from delivery notes and invoices into structured spreadsheets; live on Supabase, migrating to FastAPI for tighter control of the extraction pipeline.

CycloAI cyclo-ai.vercel.app

AI-powered training and nutrition planner for amateur cyclists, personalized through onboarding plus optional Strava/Garmin data. Built with Next.js and Supabase, powered by an embedded RAG pipeline.

EDUCATION

I.E.S. Mutxamel · CFGS Web Application Development, Software Development · 2023 – 2025

Honors in the Programming module

LANGUAGES

English: B2 | Spanish: Native