

MIGUEL GISBERT OSUNA

Principal Fullstack Engineer

Mobile-First (React Native & Node.js)

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Professional Summary

Hands-on Principal Fullstack Engineer with 10+ years of professional software engineering experience building enterprise-grade mobile and web applications from 0 to 1. Specialized in mobile-first architectures using React Native, React/Next.js, TypeScript, and Node.js backend services. Early adopter of agentic AI workflows (coding agents, autonomous LLM pipelines, prompt engineering) to scale engineering productivity and team output. Proven track record of designing scalable APIs, integrating third-party consumer ecosystem services, and managing end-to-end mobile release pipelines (App Store, Play Store, OTA).

Core Competencies & Tech Stack

Mobile & Frontend:	React Native, React.js, Next.js, TypeScript, JavaScript (ES6+), State Management, Native Modules, UI/UX Systems
Backend & Architecture:	Node.js, Express, RESTful APIs, Microservices, Python (Django), Database Design (PostgreSQL, MySQL)
Agentic AI & Workflows:	Agentic Coding Workflows (Cursor, Autonomous Agents), LLM APIs (OpenAI, Anthropic), RAG Architecture, Vector DBs, Prompt Engineering
Mobile Delivery & Cloud:	App Store / Play Store Deployments, Over-The-Air (OTA) Updates, CI/CD, Docker, Cloud Native (AWS/GCP), Observability

Professional Experience

Lead Engineer & Co-Founder

2024 – Present

CragXchange / www.cragXchange.com

- Architected and built a 0-to-1 mobile-first consumer platform using React Native, Next.js, and Node.js scaled to 1500 active users in 3 months.
- Spearheaded mobile experience layer: navigation patterns, offline-first behavior, state management, and production-grade React Native architecture.
- Integrated agentic AI coding workflows daily to accelerate feature shipping, test coverage generation, and automated refactoring.
- Standardized Docker-based CI/CD deployment pipelines, mobile observability, and app release processes guaranteeing high performance and reliability.

Senior AI & Software Engineer

2025 – Present

Video Stream Network S.L.

- Architected and scaled core user interfaces and backend processing systems for a cloud video/audio platform using React, TypeScript, and Node/C#.
- Engineered automated AI data ingestion and processing pipelines (Speech-to-Text, LLM synthesis, RAG) with real-time streaming state management.
- Optimized client-side state and API throughput to handle heavy data flows with minimal latency.

Senior Full-Stack Engineer

2021 – 2025

Bluecode Solutions S.L.

- Spearheaded the end-to-end full-stack development of an enterprise HR SaaS ecosystem from 0 to 1.
- Engineered production RAG AI assistants enabling automated semantic retrieval over encrypted documents, reducing query resolution times by 60%.
- Designed and maintained robust Node.js and Python backend APIs connected to React/TypeScript web interfaces.

Full-Stack Software Engineer (Contractor)

2017 – 2021

Malt.es & Independent Freelance Consulting

- Developed custom web applications, e-commerce integrations, and backend architectures for European business clients.

Education & Credentials

- ★ **Degree in Computer Science / Software Engineering** University of Alicante (2003 - 2009)
- ★ **Master's Degree in Sports Technology (Applied Data & ML coursework)** University of Barcelona (2024 - 2025)
- ★ **Postgraduate Certificate in Startup Management** University of Valencia (2021)

Languages & International Experience

English: Full Professional Proficiency (1 year living & working in Cambridge, UK)

Spanish / Catalan: Native