

GERARD LLANAS CONESA

Full Stack AI Engineer | LLM Application Developer

Vilanova i la Geltrú, Barcelona, Spain · Open to remote / hybrid (EU)

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PROFESSIONAL SUMMARY

Full Stack Engineer with 7+ years of experience designing and shipping production web and mobile applications, currently specialized in building AI-native products powered by Large Language Models. Proven track record turning unstructured data (text, images, audio, video) into reliable product features through LLM pipelines, structured outputs and tool use. Hands-on with modern AI engineering workflows: spec-driven development, agentic coding (Claude Code, OpenAI Codex, OpenCode), prompt engineering, evaluations and Model Context Protocol (MCP) integrations. Combines deep TypeScript / Node.js expertise with consistent delivery in real-world production environments.

CORE SKILLS

AI / LLM Engineering: LLM application development (Claude, OpenAI, Gemini, local models via Ollama), prompt engineering, structured outputs, function calling and tool use, agentic workflows, spec-driven development, evaluations, multimodal pipelines (text, image, audio, video).

Languages & Runtimes: TypeScript, JavaScript (ES2022+), Node.js, PHP, Java.

Frontend: React, React Native, Vue.js, Next.js, Tailwind CSS.

Backend: Node.js, Express, Laravel, REST APIs, WebSockets (Socket.IO).

Databases: MongoDB, MySQL, SQL Server, PostgreSQL, vector stores.

Cloud & DevOps: Docker, AWS, Linux, Git, CI/CD.

AI Dev Tools: Claude Code, OpenAI Codex, OpenCode, Cursor, MCP servers, agents.md, custom skills.

Methodologies: Agile, spec-driven development, test-driven development, code reviews.

PROFESSIONAL EXPERIENCE

Independent AI Engineer & Full Stack Developer | Freelance / Self-directed AI projects

February 2025 – Present · Remote

- Designing and building AI-native full-stack applications that integrate LLMs as a core product capability rather than an add-on, focused on TypeScript and Node.js.
- Implementing LLM pipelines that extract structured data from unstructured sources (text, images, documents, YouTube transcripts) for downstream business logic.
- Adopting spec-driven development and agentic coding workflows (Claude Code, Codex, OpenCode, MCP) to accelerate delivery while maintaining code quality and reviewability.
- Building reusable skills, agents and prompt frameworks to standardize how AI assistants are integrated into engineering pipelines.
- Completed an intensive Master's program in Full Stack Development (MERN) at Nuclio Digital School in parallel with client and personal AI projects.
- Selected projects: Recipe Intelligence App and Groupio (see Selected Projects).

Full Stack Developer | ITnube

June 2020 – January 2025 · Barcelona / Remote

- Designed and shipped custom web applications using Node.js, Vue.js and PHP for B2B clients.
- Built real-time features and collaborative tools with Socket.IO.
- Developed cross-platform mobile applications with React Native.
- Designed and maintained REST APIs, integrating with SQL Server and MySQL databases.
- Containerized development and deployment workflows with Docker on Linux.
- Maintained and extended legacy WordPress platforms and internal custom tools.
- Resolved production incidents and collaborated in agile, cross-functional teams.

Full Stack Developer | Telanto

January 2018 – December 2019 · Barcelona

- Built and maintained web applications using Vue.js and Laravel.
- Managed cloud infrastructure on AWS.
- Optimized SQL queries and improved overall application performance.
- Worked with Git in collaborative team environments.

SELECTED PROJECTS

Recipe Intelligence App — AI-powered recipe extraction

- Multi-source ingestion pipeline (text, images, PDFs, YouTube videos) using LLMs (Claude, OpenAI, local models) to extract structured recipe data.
- Automated nutritional macro calculations from extracted ingredients (with multiple data verifications with external APIs).
- Modular pipeline architecture allowing model swapping between cloud and local providers.

Groupio — Real-time group management SaaS PWA

- Full-stack PWA with AI-assisted automation flows and improved UX.
- Real-time architecture built on Socket.IO.
- Designed for scalability and a clear product vision.
- Live demo: <https://groupio.llanasdev.com>

EDUCATION

Master in Full Stack Development (MERN) — Nuclio Digital School (2025)

Higher Technician in Multi-platform Application Development — La Salle Gràcia (2018)

Technician in Telecommunications Installations — Salesians de Sarrià (2016)

LANGUAGES

Spanish (Native) · Catalan (Native) · English (Professional working proficiency)