Adrià Guilera Bernabé

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Introduction

I'm Adrià, a passionate Junior Developer and AI enthusiast from Barcelona. I enjoy exploring the intersection of software engineering and artificial intelligence to build automation and optimize workflows. I am focused on full-stack development and AI integration. When I'm not coding, you'll usually find me at the gym or fishing by the sea.

Experience

K·Factor Technologies, Junior FullStack Developer   Feb 2024 – present
- Built **multi-tenant AI agents** on Python using LangChain ecosystem
- Developed and maintained **Nest.js** backends, **Flutter** mobile apps and **PostgreSQL** databases
- Implemented RAG systems and SQL agents for intelligent document retrieval and database querying using LLMs

Cal Blay Catering & Waiter, Waiter & Bar Manager in Festivals   June 2022 – Jan 2025

Projects

Livea - AI Ticketing System   Dec 2025 – present
Building an **AI-powered ticketing system for real estate managers** with WhatsApp integration. Automating customer service and making property management more efficient.

AI Consulting for SMEs   Feb 2025 – present
Consulting for small and medium companies to integrate AI into workflows and optimize processes.
- Built **HR chatbot** on Microsoft Teams with RAG architecture for policy navigation
- Developed **email management platform** with AI-powered sorting and categorization for a coliving company
- Created **document information extraction pipeline** for automated data processing, reducing manual entry by 70%

Education

BS **FIB UPC**, Software Engineering   Barcelona, Spain
Major in **Software Engineering**, covering development, maintenance, and evaluation of software systems with focus on quality, requirements engineering, and project management.   Sept 2022 – June 2026
  - Mastered algorithmic problem-solving, data structures, and design patterns
  - Developed expertise in distributed systems and multiplatform applications
  - Learned quality assurance and risk management in software construction
  - Applied agile methodologies and ethical considerations in software design

Batx **Institut Gelida**, Batxillerat Científic-Tecnològic   Barcelona, Spain
                                                                                           Sept 2020 – June 2022

Skills

Programming Languages: Python, C++, TypeScript, Dart

Technologies & Frameworks: Nest.js, Angular, Flutter, Langchain, Docker, SQL, Git

Languages: English (C1), Spanish (Native), Catalan (Native)