

ALFONSO FRÍAS FUNES

Software Developer

CONTACT

 [Portfolio Web](#)

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 [Alfonso Frías Funes](#)

PROFILE

Full-stack developer with a degree in Computer Engineering. Experience **developing** and maintaining web products using Python, FastAPI, Angular and PostgreSQL. Experienced in **AI integrations**, REST APIs, databases and feature improvement within a professional development environment.

EDUCATION

Bachelor's Degree in Computer Engineering | **University of Granada**

September 2021 – June 2026

Erasmus Exchange Programme | **Alexandru Ioan Cuza University (Iasi, Romania)**

2023/24

EXPERIENCE

Full-Stack Developer

February 2026 – July 2026

Nucleoo | **Granada**

- Development and maintenance of web applications across frontend, backend, databases and external integrations.
- Integration of an AI assistant connected to WhatsApp Business, enabling users to perform platform actions directly through WhatsApp.
- Built features involving REST APIs, data models, validation, webhooks and end-to-end user flows.
- Bug fixing, manual QA, feature review, visual adjustments and refactoring of existing code.

Technologies: Python, FastAPI, Angular, PostgreSQL, SQLAlchemy, Alembic, Docker, GitLab, Jira, WhatsApp Business API.

Frontend Developer

July 2025 – November 2025

KienPay

- Development of a group payment flow within an early-stage startup and small team.
- Implementation of screens, reusable components, API routes/proxies and error handling in the payment process.
- State management and data persistence for the user flow, including invitations, payment collection and confirmation.

Technologies: Next.js, React, TypeScript, Tailwind, Zustand, Stripe Payments, Jest, Testing Library.

TECHNOLOGIES

Backend: Python, FastAPI, Pydantic, SQLAlchemy, Alembic

Frontend: Angular, React, Next.js, TypeScript, SCSS, Tailwind

DataBases: PostgreSQL, MySQL, SQLite, MongoDB

Testing and tools: Pytest, Cypress, Jest, Testing Library, Git, Docker, Jira

Integrations: WhatsApp Business API, Stripe Payments, language models

LANGUAGES

Spanish

Native

English

Cambridge B2 Certificate
Regular use, close to C1 level