



FRAN CABALLERO

JUNIOR FULL-STACK DEVELOPER

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Portfolio: fran-caballero.dev/en

Location: Madrid (Spain)

PROFILE

Junior full-stack developer focused on building well-structured and user-friendly applications.

I bring technical autonomy and analytical skills across the entire software lifecycle, from database design to advanced client-side state management.

FEATURED PROJECTS

TEAMUP - FULL-STACK CLICKUP CLONE

Case study and application: fran-caballero.dev/en/teamup

I consolidated my technical knowledge through the end-to-end development of a collaborative project management application, tackling the architectural complexity and business logic of a production environment. This process gave me the autonomy and broad perspective required to turn demanding requirements into robust software.

- Designed the application's end-to-end architecture with strict separation of concerns: a core / features / shared structure in Angular and a controller / service / repository pattern in Express.
- Developed a role and permission system enforced on both the backend and frontend, with membership-based data filtering through complex native SQL queries.
- Built a hierarchical entity model with Kanban/list views and grouping by status, priority, date and assignee.
- Implemented E2E tests with Playwright covering authentication, task lifecycle and navigation.
- Optimised the user experience through interface patterns such as optimistic data updates with rollback behaviour.

EDUCATION

BA IN AUDIOVISUAL COMMUNICATION, 2017 - 2021

University of Granada

ADDITIONAL PROFESSIONAL EXPERIENCE

PRIVATE ENGLISH TUTOR, 2023 - 2025

- Taught one-to-one English lessons tailored to each student's level and goals.
- Prepared personalised materials and exercises.
- Developed strong communication, planning and clear explanation skills.

CORE SKILLS

- **Frontend:** Angular, TypeScript, HTML, CSS.
- **Backend:** Node.js, Express, Java, Spring Boot, JWT.
- **Database:** PostgreSQL, SQL, relational modelling and complex queries.
- **E2E Testing:** Playwright.
- **Real-time:** Socket.IO.
- **Version control:** Git.
- **CI/CD:** Github Actions.
- **Deployment:** Docker, Docker Compose.

LANGUAGES

- **Spanish:** Native.
- **English:** Advanced. Portfolio, full-stack application and case study available in English.