

Ricard Guixaró Tranco

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Software engineer specialized in full-stack and mobile development, with experience building and shipping production applications across web, backend, and cross-platform environments. Interested in scalable systems, clean architecture, and building reliable user-focused products.

Experience

Unilabs Academy 02/2025 - Present | Barcelona
Software Engineer Nuxt, Python, Flutter, Django, PostgreSQL, Docker

- Led development and evolution of the cross-platform e-learning mobile application [Biomarkers4HCPs](#), including architecture decisions, feature implementation, and maintenance.
- Contributed to platform stability and performance improvements by reducing frontend session error rates, lowering backend API error rate from 0.37% to 0.05%, and improving LCP from 2.78s to 1.88s.
- Designed and implemented production APIs and services in Python, integrated with PostgreSQL databases.
- Collaborated in technical decision-making and continuous product improvement.

Owius Technologies 06/2022 - 11/2024 | Barcelona
Jr. Full-Stack Developer React Native, React, Vue, Node.js, MySQL, MongoDB

- Developed and maintained multiple production applications across mobile, backend, and web platforms.
- Designed and developed [eatfity](#) across mobile, backend, and back-office systems, contributing to growth reaching nearly 10,000 users.
- Built [PuntoLimpio](#) and its supporting backend, back-office, and web systems for waste management operations.
- Developed [MusicAdders](#), with responsibility for Android and iOS versions and integration with a large external API.
- Planned, tracked, and executed tasks across short sprints and continuous deployments.

Tous Jewellery 06/2019 - 09/2019 | Manresa
IT Internship

- Maintained internal systems and workplace hardware.
- Diagnosed and resolved technical issues for internal users.

Education

AWS Certified Developer - [Associate \(DVA-C02\)](#)
Amazon Web Services 2024

B.S. Computer Science
Universitat Politècnica de Catalunya 2023 | Barcelona

Skills

Frontend - React, Next.js, Vue, Nuxt

Mobile - React Native, Flutter, Ionic

Backend - Django, Node.js, Express.js

Databases - PostgreSQL, MongoDB, MySQL

Programming languages - Python, TypeScript, JavaScript

Cloud and DevOps - AWS, Google Cloud, Docker, CI/CD

Additional - [HackUPC](#) participant (2022 and 2023), English (professional proficiency), Spanish (native), Catalan (native) and Norwegian (basic)

Personal projects

All my projects (personal and professional) can be found in my [portfolio](#).

[roots](#) - [atrium] [repository](#)
An application to create and visualize family trees in a collaborative and intuitive way. It allows inviting members, adding photos to profiles, and provides an activity timeline, reminders for important dates, and a weekly email summary.

[rask](#) - [itinerarium]
A URL shortener focused on privacy and simplicity, built with separate [client](#) and [API](#) repositories. It enables efficient creation, management, and tracking of short links across a lightweight full-stack architecture.

[cookbook](#) - [receptarium] [repository](#)
A recipe sharing platform with authentication, media uploads, transactional emails, and separate staging/production environments.