

**Ricard Guixaró Tranco**  
GitHub | @rguixaro  
Web | [portfolio.rguixaro.dev](https://portfolio.rguixaro.dev)

Email | [rguixaro@protonmail.ch](mailto:rguixaro@protonmail.ch)  
Phone | (+34) 622 330 557  
LinkedIn | /in/rguixaro

I am a passionate software engineer with almost three years of experience developing both web/mobile applications and backend systems. Skilled in all aspects of the software development lifecycle, from concept to development and delivery. I am constantly working on improving my personal and professional technical skills in order to keep up with the ever-growing tech industry.

## Education and Certifications

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- **Bachelor degree in Computer Science**  
Universitat Politècnica de Catalunya, Barcelona
- **AWS Certified Developer – Associate (DVA-C02)** 2024  
Amazon Web Services (AWS)

## Working Experience

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- **IT Internship** Manresa, Spain  
Tous Jewellery June 2019 – August 2019  
I was part of the IT Department. Helped update the hardware of multiple systems and solving technical issues.
- **Full Stack Developer** Barcelona, Spain  
Owius Technologies | Web and App Developer June 2022 – September 2024  
I worked on multiple software projects simultaneously and was involved in the whole development process from design to implementation and deployment. Responsible for creating various fully functional mobile applications for both Android and iOS platforms.

## Projects

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Here are a few projects I have worked on, both personal/university projects and professional ones. For additional information, the majority of them can be found in my portfolio: [portfolio.rguixaro.dev](https://portfolio.rguixaro.dev).

- **Rask** | Tech stack: *Next.js – TypeScript – Tailwind – Django – MySQL – AWS*

An open-source URL shortener designed to provide a service that facilitates the creation and management of short links with ease. Hosted at [rask.rguixaro.dev](https://rask.rguixaro.dev).

It is a personal project, so I developed the entire software, from the architecture design, to the deployment using several AWS Services.

- **Eatfity** | Tech stack: *React Native – TypeScript – Firebase – Express – MongoDB – React – Nginx*

A mobile application developed to help users improve their lifestyle through fitness and nutritional tuition.

I worked as a full-stack developer, collaborating on both the frontend and the backend. I was tasked with the responsibility of ensuring the correct development and deployment for both Android and iOS platforms of the mobile application. I also worked on the development and integration of the API.

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Furthermore, I was responsible for the hosting of the backend on a VPS and the integration with several external services, such as OpenAI or Firebase.

While I was responsible, we managed to sustain a steadily growing flow of users, reaching close to 10k downloads and more than 1k daily users.

- **MusicAdders** | Tech stack: *Vue.js - Ionic - CSS*

Mobile app used by music artists to help them control their musical assets and products.

I was part of the mobile frontend team responsible for the development of the application. I was assigned the responsibility of ensuring the correct development and deployment for both Android and iOS platforms. Furthermore, I worked on the integration process with an extensive external API that provided the necessary data for the application.

- **Regaber** | Tech stack: *React Native - TypeScript - Express - MongoDB - Nginx*

A mobile application that brings an extensive catalogue of products and news related to the world of irrigation.

I worked as a full-stack developer, collaborating on both the frontend and the backend. I was tasked with the responsibility of ensuring the correct development and deployment for both Android and iOS platforms of the mobile application. I also worked on the development and integration of the API. Furthermore, I was responsible for the hosting of the backend on a VPS.

- **Happy Lungs** | Tech stack: *React Native - Express - MongoDB - React*

Mobile application that allows the user to create *pins* linked to a geographic location and receive information on the pollution levels of the air (retrieved from Open Data BCN).

I was part of the mobile frontend team responsible for the development of the application. I was assigned the responsibility of ensuring the correct development for both Android and iOS platforms.

- **Recommender System** | Tech stack: *Java*

Desktop application that, given a collection of data (i.e., books, movies), recommends items to the user based on different factors.

I was part of the frontend team responsible for the development of the application.

- **Transactions** | Tech stack: *Java - Kotlin - Firebase*

Mobile application that helps keeping track of the household expenses.

It is a personal project, so I developed the entire software, from the architecture design, to the implementation.

- **Dinasty** | Tech stack: *React - TypeScript - Tailwind - Express - AWS Services (DynamoDB, S3)*

Web application that records a families' ancestry. Uses a non-relational database hosted in a server.

It is a personal project, so I developed the entire software, from the architecture design, to the deployment using several AWS Services.

- **DataVault** | Tech stack: *Flutter*

A system that uses cryptography to keep user's most personal data private. It also makes it possible to track who has access to this data and how is it being used.

I was part of the mobile frontend team responsible for the development of the application.

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## Skills

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- Professional experience with mobile and web development.
- Frontend technologies that I have professional experience with: *JavaScript*, *Typescript*, *ReactJS* & *React Native*, *Flutter*, *HTML* & *CSS*, *Tailwind*, *Next.js*, *Vue.js*, *Angular*, *Ionic* and *Astro*.
- Backend technologies that I have professional experience with: *Node*, *Express*, *MongoDB*, *MySQL* and *PostgreSQL*.
- Experienced with *Agile* and *Scrum* methodologies, *Git* and Server management.
- Experienced with cloud services such as *Amazon AWS* and *Google Cloud*.
- Languages: English (Professional working proficiency), Catalan – Spanish (Native) and Norwegian Bokmål (Elementary proficiency).
- Hobbies: Listen to music, read, code for fun, and play Chess.
- Other experiences: Attended both 2022 and 2023 *Hackathons (HackUPC)* editions as a participant.