EDUARDO RUIZ - FULL STACK SOFTWARE ENGINEER

LinkedIn | (+34)622-398-186 | ruizcantosps@gmail.com | GitHub

Skills

- React | TypeScript | Node | KoaJS | Next JS | PostgreSQL | Git | React Native | Ruby | PLSQL | JavaScript | jQuery
- Azure | AWS | CI/CD | Cypress | Jest | RoR | Unit Testing | Docker | Ruby on Rails | MongoDB | C# |Stripe | Supabase
- Microservices | Clean Code | Frontend | Backend | Full-Stack

Experience

Full stack Software Engineer — LeadingDev — *Remote, Madrid* — **(10/2022 - 7/2025)**

- Skade IoT - **Real-time road monitoring platform**
  - Designed scalable **REST API (Rails)** to manage GPS data from **4+ device types.**
  - Developed UI from scratch (**CoffeeScript + MVVM**), reducing bundle size by **~30%** and improving initial load time by **40%**
  - Enhanced **caching and query efficiency**, improving response time by **2x**.
  - Enabled **modular hardware integration**, increasing system flexibility for clients.
- CFT – **Counter Terrorist Financing Tool**
  - Developed modular backend services (**Rails + Docker**) with full **AWS** integration (**S3, EC2, RDS**).
  - Created **automated scraper** to process **10+ public/private** data sources daily, increasing detection coverage by **60%**
  - Reduced **false positives by 25%** through improved search heuristics.
  - Contributed to **UI enhancements** for search, filtering, and results analysis.
- Richmond Studio & Magnet LMS – **Avallain**
  - Built backend and **React-based authoring tools** used by **5K+ teachers and students** across **3 platforms**.
  - Supported integration of **SCORM/LTI content** and third-party services (video, certificates).
  - Helped stabilize QA process using **Docker-based environments** and **AWS** staging.
  - Delivered **AI-powered authoring tools** and dashboards that decreased content creation time by **35%.**

Frontend Developer — Domestika — *Remote, Madrid* — **(5/2022 - 6/2022)**

- Worked on **frontend features** within a system based on **hexagonal architecture (ports and adapters)**.
- Collaborated with backend engineers to enforce **domain-driven design (DDD)**, reducing integration bugs by **~30%**
- Refactored **legacy components** to improve **modularity**, raising **test coverage by 25%.**

Professional Projects

E-commerce Platform – Los Medusa Studio

- Fullstack e-commerce platform for selling **AI-enhanced music cover artwork**.
  - Produced **responsive web app** with **Next.js**, **Koa.js**, **Prisma**, and **PostgreSQL**.
  - Implemented **real-time order processing**, **payment integration (Stripe)**, and **custom admin panel**.
  - Developed **backend image upload pipeline** with **Redis queues**.
  - Currently building **Python-based microservices** for:
    - **Image analysis** of covers (style, mood tagging).
    - **Audio analysis** of tracks (tempo, genre, mood).
    - **AI-powered matching** between artwork and songs.
- **Result**: Automated full sales workflow and introducing **intelligent recommendations via AI**.

Mobile App – Pure Ibiza Radio

- Mobile streaming app for an **electronic music radio station** based in Ibiza.
  - Developed and deployed a **cross-platform mobile app** using **React Native**, targeting both **iOS and Android**.
  - Integrated **custom audio streaming player** with **background playback support** and seamless UX.
  - Consumed client's **REST API** to fetch schedule, metadata, and audio content dynamically.
  - Handled the **entire app lifecycle**—from architecture to publishing on app stores—as **solo developer**.
  - **Result**: Delivered the station's **first mobile app** in under **4 weeks**, expanding reach to global listeners.

Basic Admin Panel – C#/.NET

- Created a simple **admin dashboard** in **C# with .NET Core**, replicating a Rails-style CRUD interface.
- Implemented user authentication, role-based access, and connected to a **SQL Server** database.

Education

Full Stack Developer Bootcamp	**Skylab Coders Academy**	*Barcelona, Spain*	**(9/2021 - 3/2022)**
FPB – IT & Networking	**IES Beatriu Fajardo de Mendoza**	*Benidorm, Spain*	**(2019 - 2021)**
Hacking Web y Pentesting	**Udemy**	*Spain*	**(2020)**
Professional Ethical Hacker	**TCM Security**	*Spain*	**(2021)**

Languages

- **English**, **Spanish**, **Catalan** – All professional proficiency or above