Ramiro Carnicer Souble

Buenos Aires, Argentina· linkedin.com/in/ramirocarnicersouble · +54 11 5782 3233· ramirocarnicersouble8@gmail.com

7 years of electronic technical education with experience in programming with C++ and Python, use of databases and consumption of APIs. 1 year of experience working in backend and mobile software development, managing to increase active users by 100% and improving the security of their data. more than 2 years studying and carrying out projects related to the Web or Backend

PROFESSIONAL EXPERIENCE

Sugar Coach   **Buenos Aires, Argentina**
Software Developer   *August 2023– April 2024*

- Update the entire Android Kotlin/Java application to the new quality standards imposed by Google, making it accessible through the Playstore.
- I made from scratch a GraphQL API to handle user data and implement a secure authorization system. **Technologies:** NodeJs, Express, sequelize, PosgreSQL, Apollo, Strapi
- I implement all the necessary AWS infrastructure to host the API and the database to make it accessible from the App. **AWS services used:** EC2, ECS, RDS, S3. **Tools**: Docker
- I organize a Kanban cards system for efficient development of new features enhancing team communication

    App: SUGAR COACH

    API: API SUGAR COACH

PROJECTS

SCHOOL METRICS - Website for monitoring school performance   **Buenos Aires, Argentina**
July 2024 - present

Web in progress with a team of 7 people divided between Backend and Frontend. My responsibilities are:
- Participate in the entire process of defining the functionalities, scope and objectives of the application
- Participate in the process of choosing and implementing the architectural patterns to be applied in the backend, in this case MVC and Repository
- Participate in the process of diagramming and creating database table
- Create table seeders so that there is false data with which the API can be tested
- Develop student and teacher endpoints in order to serve the frontend with the correct information

Technologies: Typescript, Prisma, PostgreSQL, Git, Github

Web Page: SCHOOL METRICS
API Repository: SCHOOL METRICS API

I MADE A WEBSITE WITH REACT AND EXPRESS - Website to shorten urls and be able to save and track metrics
Buenos Aires, Argentina
April 2024

Website made alone with **React, HTML and CSS** for the Frontend and **Express, NodeJs, Sequelize and PostgreSQL** in the backend. As well as the use of **Auth0** as an authorization system. The main concepts learned and applied in this project were:

- Authorization system using the ow code that allows greater security when creating a user system
- Development of an exclusive API to manage the start and registration of users in order to obtain greater security in the data handled by the main API
- Using the MVC pattern for the core API
- Development of an application with React from scratch as well as the management of user tokens

Web Page URL Shortener: URL SHORTENER PAGE
Main API Repository: URL SHORTENER API
Security API Repository: VERIFICATION API

ADDITIONAL SKILLS AND CERTIFICATIONS

- Native in Spanish. Fluent in English (B2)
- Flow control and CI/CD technologies - Git and Github
- PCAP: Programming Essentials in Python - Cisco Networking Academy: Certification Link
- CPA: Programming Essentials in C++ - Cisco Networking Academy: Certification Link
- Spring framework and Spring boot course (entry level) - Codigo facilito

EDUCATION

BUENOS AIRES UNIVERSITY   **Buenos Aires,**
Informatic Engineering   **Argentina**
Studying 2nd year   *March 2023 - present*

ROBERTO ROCCA TECHNICAL SCHOOL   **Buenos Aires,**
Electronic Technician   **Argentina**
Electronic technical secondary education completed in a timely manner. Languages used: *March 2017- Nov. 2023*
C, C++, Python