

Lucas Rodríguez de Pena

Software Developer

PROFESSIONAL PROFILE

Full-stack web and desktop developer. I possess knowledge of databases, programming logic, RESTful APIs development and web design. I consider myself an analytical and disciplined person who puts a lot of effort and dedication into his job.

EXPERIENCE

Full stack web developer at Confederación Uruguaya de Karate (C.U.K.)

May 2023 - November 2023 [Montevideo, Uruguay][I.S.B.O.]

github.com/lucasrodriguez-dev/KataPoint

RESPONSIBILITIES

- Design and implement a relational database with the necessary tables and permissions, using MySQL.
- Develop web application:
 - Use MVC architecture;
 - Make connection to database;
 - Elaborate classes and RESTful APIs that allow adding, deleting, modifying and listing the database, using PHP;
 - Generate an interactive interface, using JavaScript and jQuery;
 - Connect the different layers of the app, using fetch, asynchronous functions and the JSON format;

KEY ACCOMPLISHMENTS

- Our program was recognised as one of the best in our entire institution.
- Grade 11 was achieved, overpassing the project team's objective by 10%.
- 100% of the necessary functionalities were achieved.
- We built an interactive and user-friendly app that has instant updates on the different screens.

Back-End desktop developer at Olimp  adas de Programaci  n de Plan Ceibal

May 2022 - November 2022 [Montevideo, Uruguay][I.S.B.O.]

RESPONSIBILITIES

- Lead the Back-End development team.
- Help design and analyse business logic.
- Develop business logic using Java, implementing encapsulation, inheritance and polymorphism.

KEY ACCOMPLISHMENTS

- The logic of our program was recognised as the best in the Programming Olympiads.

TECHNOLOGIES

★ HTML5

★ OOP

★ MySQL

★ CSS3

★ MVC

★ Shell Script

★ Bootstrap

★ Java

★ Crontab

★ JavaScript

★ Swing

★ Docker

★ jQuery

★ PHP

★ Photoshop

TECHNICAL SKILLS

□ Web development

□ Desktop development

□ Task automation

□ Front-End

□ Relational databases

□ Image edition

□ Back-End

□ Linux Operating Systems

□ Problem solving

PERSONAL SKILLS

- Teamwork
- Discipline
- Autonomous learning
- Creativity
- Dedication
- Fast learning
- Analysis capacity
- Punctuality in delivery of tasks
- Adaptability to the environment

EDUCATION

Technical Auxiliary Bachelor in Computer Science at Instituto Superior Brazo Oriental

March 2021 - December 2023 [Montevideo, Uruguay]

Italian Intermediate Level at Centro de Lenguas Extranjeras

March 2018 - December 2021 [Montevideo, Uruguay]

LANGUAGES

Spanish, English, Italian.