Ana Maria Caicedo Arias

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EDUCATION

Universidad Provincial de Ezeiza

Ezeiza, Bs As

Software Development

March 2024 – expected 2028

Oracle Next Education (ONE) With Alura LATAM

Java Back-End Developer

Bootcamp June 2024 – Jan 2025

Independent Courses

2022 - 2025

EXPERIENCIA

Technical SEO Assistance

Abril 2025 - Mayo 2025

Technology Consulting (SEO Strategy)

Technical and structural optimization of a website for a startup consulting and construction contracting company in Dubai. The focus went far beyond marketing, addressing deep aspects of data structure, HTML analysis, and web architecture, in collaboration with the design team to implement improvements impacting both performance and visibility.

- Conducted technical site audit by analyzing HTML structure, meta tags, and semantic hierarchy.
- Optimized web performance using Lighthouse and element inspection tools.
- Planned URL architecture, sitemap, and robots.txt based on keyword analysis and traffic data.
- Managed content and technical structure on Webflow CMS, applying technical SEO principles.
- Analyzed logs, errors, and redirects (301, canonical) to improve crawling and indexing.

PROJECTS

Virtual Library API

Technologies: Java, Spring Boot, Spring Data JPA, PostgreSQL, REST APIs

• Developed a back-end microservice in Java with Spring Boot for a virtual library, enabling users to register books and filter them by category, author, and other criteria. Implemented RESTful CRUD operations using Spring Data JPA and connected the business logic to a relational database (PostgreSQL).

ForoHub API - Online Forum Management

Technologies: Java, Spring Boot, Hibernate, PostgreSQL, Insomnia, REST APIs

 Created a RESTful API for managing an online forum, allowing authenticated users to create, edit, list, and delete topics organized by category. Implemented an authentication system with access control and structured endpoints following REST best practices. Used Hibernate for persistence and tested the API with Insomnia.

Text Encryptor

Technologies: HTML5, CSS3, JavaScript

Developed an interactive web application that enables users to encrypt and decrypt messages using a
custom vowel replacement technique. Implemented the logic in JavaScript, designed an intuitive
interface, and added a copy-to-clipboard feature to enhance user experience. The design is fully
responsive.

Back-End System with Multi-API Integration (on development)

Technologies: Java, Spring Boot, REST APIs, OAuth 2.0, PostgreSQL (planned), JSON, Notion API among others, Insomnia

• Designing and implementing a back-end solution aimed at automating and centralizing data from various online platforms. The project involves integrating multiple external APIs, structured data storage, and creating real-time automated data synchronization flows directed to Notion.

TECHNICAL SKILSS:

Lenguages: Java, C, JavaScript, HTML, CSS.

Databases: PostgreSQL, MySQL

Frameworks: SpringBoot, Hibernate, Node.is

Developer Tools: Git, Docker, Insomnia/postman, Google ads, IntelliJ, VS Code, Code::Blocks

Spoken Lenguages: Spanish (native), English (B2+)