MANUEL MIGUEZ LAURÍA

BACKEND SOFTWARE DEVELOPER

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WORK EXPERIENCE

Java Software Developer   May 23 – Present
GAO Tek inc. – United States

- Achieved a 30% reduction in document production time by developing a Java-based system using a prompt automatic design.
- I managed to increase the average website retention time by 9% through the implementation of Open AI (artificial intelligence).
- Accomplished better performance by supervising work teams, coordinating meetings, optimizing and reviewing code with teams.
- Assumed the position of Team Leader within the website update project, spearheading the incorporation of code optimization.

Java Developer Trainee   Mar 22 – May 23
Spanish Association – Argentina

- Contributed actively to the entire development of backend architecture for a ticket and event sales system, utilizing core Java.
- Executed efficient database management with MySQL and JDBC managers to implement the connection with Java code.
- Effectively employed Git version control system and GitHub to manage the source code and collaborate with team groups.
- Implemented essential CRUD operations using Spring Boot, effectively streamlining database updates through HTTP requests.
- Developed graphics using JavaFX through FXML files in order to create potential interfaces for the final version of the system.

PROJECTS

Company REST API   (LINK HERE)
Java, Spring Boot, Spring Security, JDBC, MySQL, CRUD, JPA, HTTP

- REST API developed entirely on Java, utilizing Spring Boot for project structure and design, ensuring efficient performance.
- Integration of a relational database designed in MySQL, using the JDBC driver for its incorporation into the Java-based system.
- Using Spring Data JPA, achieving a 70% reduction in code needed for data access layers for various persistence stores.
- Implementing a security layer with Spring Security, and encrypting passwords with Bcrypt algorithm, to protect user data.
- Development of comprehensive CRUD methods to enable database update and efficient modification through HTTP requests.

NoteShop aplication   (LINK HERE)
Flutter, Dart, Docker, Rest API, CRUD, HTTP

- Project in development stage using Flutter and Dart, providing a shopping experience with a range of editing options available.
- Connection and smooth integration with an existing backend working with docker images and tableplus for database access.
- Used secure JWT access tokens, efficient CRUD operations, and reliable Rest API endpoints to integrate a node backend.
- Implemented state management with Riverpod, working with error handling, HTTP requests, and route protection with GoRoute.
- Development of a robust authentication, user-friendly login, and register system which work with JSON Web Tokens (JWTs).
- Implementation of integrating camera and gallery functionalities for product editing, with required appropriate permissions.
- Migration process to a web page, and prepared project configurations set up for launching to PlayStore or AppleStore.

SKILLS

Programming Languages: Java, Dart, C , C++, HTML, CSS.
Frameworks: Spring, Hibernate, JavaFX, Flutter.
Tools and Competencies: Git/ Github, Docker, Rest API, JSON, JPA, JWT, JBDC, Thymeleaf, CRUD, Postman, Android, iOS, PostgreSQL, MySQL, Firebase, Maven.
Languages: Español, Ingles

EDUCATIONAL BACKGROUND

University of Buenos Aires (UBA)
Attending Bachelor of Computer Science carreer

Java Masterclass Certificate
Covering Java 11, 17, & Java FX

Spring Boot Certificate
Covering Spring 6 fundamentals, Spring Boot 3, Spring MVC, Spring Security, and Hibernate

Flutter Google Frontend Development Certificate
iOS, Android, & Web development with Google SDK

Cambridge
First Certificate B2

Advanced Databases SQL Certificate
Covering regular expresions, advanced subqueries, & PostgreSQL