Brenda Yañez

Back-End Developer

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Backend Developer with experience building scalable REST APIs using Java, Spring Boot and relational databases such as MySQL, PostgreSQL and Supabase. Familiar with microservices architecture, modular code organization using the MVC pattern, automated testing with JUnit and Mockito, and agile methodologies like SCRUM. Knowledgeable in JavaScript, Node.js and React, acquired through personal full-stack projects. Skilled in creating class and entity-relationship diagrams, as well as defining SQL schemas using DDL. Currently enhancing Java and Spring Boot skills through the Oracle Next Education program. Recently completed an Associates Degree in Programming at Universidad Tecnologica Nacional (UTN) in Argentina.

WORK EXPERIENCE

Full-Stack Developer   Feb 2025 – Jul 2025
Freelance | Bahía Blanca
- Developed a full-stack patient management system for educational psychologists and therapists.
- Built the backend using **Node.js** (Express) and **PostgreSQL,** leveraging **Supabase** as a database service.
- Created the frontend with **React.js** and integrated the API using **Axios.**
- Implemented secure authentication flows with **JWT** and designed the API with modular, scalable architecture.

Back-End Developer   Dec 2024 – Feb 2025
UTN | Bahía Blanca
- Developed a RESTful microservice for a loan simulator using Java, Spring Boot and Maven.
- Applied unit and integration testing with JUnit and Mockito to ensure system reliability.
- Built modular architecture following the MVC pattern to encapsulate bussiness logic related to loan processing and amortization schedule generation.

Usability Tester   Aug 2023 – Nov 2023
Cooperation.org (LinkedTrust) | Remote
- Conducted usability testing for the "Live Claims" flow, identifying UI/UX issues.
- Analyzed and documented technical improvements for login and backend workflow processes, contributing to system optimization.

EDUCATION

Universidad Tecnológica Nacional (UTN)   Feb 2023 – Dec 2024
Associates Degree in Programming

COURSES & CERTIFICATIONS

Alura – Oracle Next Education   Jan 2025 - Present
Advanced Java, Spring Boot and Cloud Concepts

Spring Academy   Dec 2024
Building a REST API with Spring Boot

Universidad de La Punta – Argentina Programa 4.0   Dec 2022 – Feb 2023
Introduction to Programming

CORE SKILLS

- **Programming languages:** Java, JavaScript (Node.js), SQL.
- **Frameworks & Libraries:** Spring Boot, Spring Data JPA, Hibernate, Lombok, React, Express.js.
- **Databases:** PostgreSQL, Supabase, MySQL.
- **Tools & Methodologies:** Maven, Git, JUnit, Mockito, Spring DevTools, Axios, Postman, Insomnia, Agile/Scrum.

LANGUAGES

- **English**: B2 (Upper-Intermediate)
- **Spanish**: Native