

# Ronald Isaac Jimenez Carballo

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## Summary

Full-Stack Software Engineer with experience developing applications in Java, C#, and C++. I specialize in backend development using Spring Boot and .NET, and frontend development with React and Tailwind CSS. I have worked with relational databases such as MySQL, SQL Server, Oracle, and PostgreSQL, as well as MongoDB. I'm proficient with tools like Git, CI/CD pipelines, and modern UI design using DaisyUI.

## Experience

### Furniture Factory

Feb 2024 – Present

- Provided customer service and assembled furniture ensuring quality installations.

## Education

### University Cenfotec

Jan 2024 – Present

- software development engineer

## Projects

### Digital Wallet – University Cenfotec

Dec 2024 – Apr 2025

- Developed a digital wallet for in-store payments with biometric authentication and merchant onboarding.
- Implemented features such as balance top-up, coupon redemption, transaction history, and a merchant management panel.
- Tech stack: Java, Spring Boot, MySQL, JWT. Focused on security, high-load performance, and a smooth user experience.

### Furniture Store Billing System – University Cenfotec

Jan 2025 – Apr 2025

- Implemented a full billing system with a Spring Boot backend and a React + Vite + Tailwind CSS frontend.
- Built modules for invoicing, inventory, user management, advanced validations, and tax/discount rules.
- Technologies: Spring Boot, React, Vite, Tailwind CSS, MySQL. Improved sales workflows and inventory control.

### Freelance Website – Mueblería JC

2025 (Freelance Project)

- Developed a full-stack e-commerce website with Spring Boot and React, using a responsive UI built with Tailwind CSS and DaisyUI.
- Implemented JWT-based authentication, admin dashboard, product catalog, and role-based access control.
- Used SQL Server on Azure, deployed via Azure App Service, and integrated CI/CD pipelines with GitHub and Azure DevOps.

### 2D Pokémon Game – University Cenfotec

Jan 2024 – Apr 2024

- Developed a 2D game using JavaScript and HTML5, consuming data from the PokéAPI to render dynamic character information.
- Tech stack: JavaScript, HTML5, MongoDB, Mongoose, Nodemailer, PokéAPI.

### Virtual Store Database – University CENFOTEC

Jan 2025 – Apr 2025

- Designed and implemented a relational database from scratch for a personal goods online store using SQL Server and SQL Server Management Studio.
- Modelled the system with entity-relationship diagrams and logical schemas covering products, users, sales, categories, and payment methods.
- Implemented views, scalar/table-valued functions and stored procedures to optimize data insertion, querying and reporting.

### Vehicle Management API – Workshop/Fleet System

2025

- Built a RESTful backend with Spring Boot, JPA/Hibernate and MySQL to manage clients, vehicles and service orders with full CRUD operations.
- Implemented security with Spring Security and JWT, including role-based access (ADMIN, OPERATOR, CLIENT) and password reset via email.
- Developed reporting endpoints with filtering, pagination and CSV/XLSX/PDF export, plus a React + Tailwind CSS + DaisyUI frontend with dashboards, vehicle management and service request tracking.

## Technical Skills

**Languages:** Java, JavaScript, C++, Python, C#

**Frameworks / Libraries:** Spring Boot, React, Tailwind CSS, CSS, DaisyUI, Node.js

**Databases:** MySQL, Oracle, SQL Server, MongoDB

**Frontend:** HTML5/CSS3, React + Vite, Tailwind CSS + DaisyUI

**DevOps & Cloud:** Git, GitHub, Bitbucket, Azure DevOps, Azure App Service, AWS

## Languages Skills

Spanish (Native), English (B2 Level)