

# CAROLINA VILLALBA

## Java Developer

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## SUMMARY

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Passionate back-end developer with 3 years of experience constantly growing as a university student and self-taught, completing increasingly complex projects. My goal is to contribute to the success and growth of the company, ensuring customer satisfaction, while advancing personally and professionally.

## HARD SKILLS

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- Java
- Hibernate, Spring Framework: Spring Boot, Spring Cloud, Spring Security
- MySQL, PostgreSQL
- JUnit, Postman
- Git: GitHub, GitLab
- SCRUM
- Design patterns, SOLID, UML
- Docker
- HTML, CSS, Bootstrap, React, Angular

## SOFT SKILLS

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- independent work and teamwork, efficient communication
- organization, time management, practicality
- continuous learning
- problem-solving
- innovation

## LANGUAGES

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- english C1
- native spanish

## EDUCATION AND CERTIFICATIONS

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### Bachelor's Degree in Computer Science

National University of General Sarmiento, 08/2021 - present

### University Technician's Degree in Computer Science

National University of General Sarmiento, 08/2021 - 11/2026

### Microservices with Spring Cloud

TodoCode Academy, 01/2025 - present

### Spring Security: Web Authentication and Security

Platzi, 02/2025 - present

## FEATURED PROJECTS

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### Reservation Management, 11/2024 - 12/2024

A desktop application developed in a team that uses a greedy algorithm to select the set of reservation offers for a room that maximizes profit while ensuring there is no overlap in schedules. I was part of the back end team with Java, JUnit, SOLID, GitHub, JSON, and UML.

- I designed the project architecture together with the team, maintaining assertive, receptive and constant communication.
- I planned the tasks, and SCRUM agile methodology together, finishing the project 2 weeks ahead of schedule.
- I implemented and refactored the code keeping it clean, fast, secure, and scalable.
- I tested the application covering a wide range of scenarios, including main functionalities, edge cases, and exceptions, to ensure proper functioning.
- I managed version control following conventions for an organized workflow without conflicts.
- I resolved bugs and challenges.
- I documented the project to facilitate understanding and long-term maintenance.

### Microservices for online store 01/2025 - present

Development of microservices for product management, shopping carts and sales. I am involved in the back end using UML, Java, Spring Boot, Spring Cloud, Hibernate, Maven, Docker, SOLID principles, GitHub, design patterns.

### Web applications