

# Carolina Palacios

## FullStack Developer

Córdoba, Argentina  
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Github <https://github.com/CarolinaPalacios>  
Portfolio <https://carolina-palacios.vercel.app/>

Full Stack Developer with background in Pharmacy. Proficient in team collaboration, problem-solving, and effective communication. Extensive knowledge of Agile methodologies, GIT, data structures, algorithms, and CSS frameworks. Skilled in Front-End and Back-End development using JavaScript, Express, Node.js, PostgreSQL, Sequelize, React, Redux, and Redux Toolkit. Results oriented and committed to provide creative and efficient solutions in software development.

### PROJECTS

#### Front-end Developer – Tetris

Feb.24

Developed a Tetris game using HTML, CSS and Vanilla JavaScript as a way to practice programming logic and object-oriented programming. I implemented the game using classes for each entity, which allowed me to practice OOP principles.

The board controls the logic of the game, including collision detection and complete line elimination. Game pieces, known as tetrominoes, fall on the board and can be rotated and moved by the player. I implemented dynamic functionalities, such as increasing the speed of falling tetrominoes and changed the background music according to the player's progress.

Deployment: <https://carolinapalacios.github.io/tetris/>  
GitHub Repository: <https://github.com/CarolinaPalacios/tetris>

#### Full Stack Developer – Discord Clone

Jan. 24

Developed a Discord clone with modern technologies such as Nx, NestJS, Prisma, React, GraphQL and Apollo. I implemented similar functionalities to Discord, including real-time chat, secure authentication and server management.

##### Key Achievements and Responsibilities:

- Monorepo with Nx.
- Back-end development with NestJS and TypeScript, using Prisma as ORM to connect to Docker containers with a PostgreSQL database and a Redis instance for GraphQL subscriptions.
- Implementation of JWT and Clerk for secure authentication.
- Front-end development with Vite, React, Zustand, GraphQL and Apollo.
- Livekit integration for live chat.
- Assignment of roles and permissions for administrators, moderators and users.
- Implementation of WebSocket with Apollo to develop a real-time chat system with extensive functionality, including support for text, voice and video messaging, microphone and camera connectivity, and additional features such as screen sharing.

GitHub Repository: <https://github.com/CarolinaPalacios/discord-clone>

#### Back-end Developer - Microservices Back-end - Star Wars Data System

Dec. 23

Developed a back-end system based on microservices to manage Star Wars related data, applying Test Driven Development (TDD) principles to ensure code quality from the beginning of development.

##### Key Achievements and Responsibilities:

- Design and development of five different microservices.
- Implementation of a central gateway and dynamic database.
- CRUD and deployment with Docker on Google Cloud Platform (Google Cloud VM).
- Test Driven Development (TDD) with Jest and Supertest.

GitHub Repository: <https://github.com/CarolinaPalacios/starwars-api-microservices>

## Full Stack Web Developer - Dog App

Jul. 23

Academic Experience - Henry Bootcamp

I developed a single page application that provides detailed information about different dog breeds, allowing users to sort, filter and create their own custom breeds.

### Key Achievements and Responsibilities:

- Functional form integration and sorting and filtering functionality.
- Extensive testing and performance optimization.

GitHub Repository: <https://github.com/CarolinaPalacios/PI-Dogs>

## PROFESSIONAL EXPERIENCE

### Back-End Developer

Jul. 23 - Aug.23

Bookbuster - Argentina.

During my internship at Bookbuster, I contributed to the development and strengthening of the company's web application. I worked collaboratively with a great team, using key technologies such as Node.js, Express, PostgreSQL and Sequelize to build a solid MVP that significantly improved the functionality of the product.

### Key Achievements and Responsibilities:

- Implementation of payment gateway with MercadoPago.
- Developed administration dashboard allowing complete control over the system and internal processes.
- Collaborated in the understanding and implementation of concepts such as basic authentication, ACID integrity, transactions and data normalization.
- Explored cloud solutions, investigating the potential of technologies such as Firebase and Cloudinary.
- Collaborative work in a positive environment.

Deployment: <https://bookbuster-ar.vercel.app/>

GitHub Repository (Back-End): <https://github.com/bookbuster-ar/web-app-backend>

GitHub Repository (Front-End): <https://github.com/bookbuster-ar/web-app-front>

### Pharmacy Employee

Oct. 16 - May. 23

Red Persce S.A - Farmacias Red.

- Team management and problem solving. Branch manager since August 2021.
- Customer service.

## PROFESSIONAL EDUCATION

- Full Stack Web Developer. Henry Bootcamp. 800 hours of theoretical-practical course. 2023.
- SQL. Desafio Latam. 2023.
- Javascript in the back-end.CodigoFacilito Bootcamp. 2024.
- Java OOP course. Ministry of Labor and Alkemy. 2024.
- English for IT 1. Cisco. 2024.

## LANGUAGES

- English - C1 Advanced. EF SET English Certificate 62/100: <https://www.efset.org/cert/dAHYE2>