

Carolina Palacios

FullStack Developer

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Github <https://github.com/CarolinaPalacios>

Full Stack Developer with a background in Pharmacy, which has provided me with strong skills for team work, team management, problem-solving, and effective communication. Specialized in Front-End and Back-End development.

I have extensive knowledge of Agile methodologies, GIT, data structures, algorithms, and CSS frameworks. My experience includes developing Front-End and Back-End applications using technologies such as Javascript, Express, Node.js, PostgreSQL, Sequelize, React, Redux and Redux Toolkit. I am a dedicated and collaborative individual, results-oriented, and committed to providing creative and efficient solutions in software development. I am excited to contribute to the growth and success of your company through my passion for programming and my experience in the field.

PROJECTS

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

Dec. 23

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

Key Achievements and Responsibilities:

- **Microservices:**
 - Designed and implemented five distinct microservices to handle information about characters, movies, planets, and a central database.
 - Implemented a central gateway using http-proxy-middleware to route requests to the corresponding microservices based on the route.
- **Dynamic Database:**
 - In the database microservice, leveraged Mongoose to create static methods enabling dynamic route creation based on the provided model.
- **Test Driven Development (TDD):**
 - Applied the TDD methodology to write unit and integration tests using Jest and Supertest before implementing new functionalities.
 - Tests provided a structured and robust approach to validate expected functionality before implementation, enhancing code quality and facilitating future iterations.
- **CRUD and Soft Delete:**
 - Implemented CRUD (Create, Read, Update, Delete) operations in the microservices, offering comprehensive data management functionalities.
 - Introduced a soft delete mechanism using Express to maintain data integrity.
- **Deployment and Scalability:**
 - Deployed the application on a Google Cloud Platform virtual machine, ensuring a reliable and scalable infrastructure through Docker and Docker Compose.

Technologies and Tools:

- **Languages and Frameworks:** TypeScript, Node.js, Express.js.
- **Database:** MongoDB with Mongoose.
- **Testing and TDD:** Jest, Supertest.
- **Containers:** Docker.
- **Container Orchestration:** Docker Compose.
- **Cloud Platform:** Google Cloud Platform (Google Cloud VM).

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

Full Stack Developer - Personal Portfolio

Oct. 23

I developed and designed my own personal portfolio to showcase my skills as a Full Stack Web Developer and demonstrate my capabilities in creating interactive and responsive websites. You can find more details and examples of my work in it.

Key Achievements and Responsibilities:

- Utilized Astro, a modern static technology, with TypeScript as the primary language to achieve optimal performance and efficiency in website loading.
- Integrated React and Tailwind CSS to create an exceptional user experience, allowing interactivity and customization in the portfolio sections.
- Designed and developed multiple sections, including "About Me," "Experience," "Projects," and "Contact," providing relevant information and examples of my work.
- Implemented functionality to switch the site's language, allowing visitors to view the content in both Spanish and English.
- Ensured the portfolio is fully responsive and compatible with mobile devices, ensuring an optimal user experience on any screen.

Technologies Used:

- **Front-end:** Astro, TypeScript, React, Tailwind CSS.
- **Deployment:** Vercel.

Deployment: <https://carolina-palacios.vercel.app/>

GitHub Repository: <https://github.com/CarolinaPalacios/Portfolio>

Full Stack Web Developer - Dog App

Jul. 23

Academic Experience - Henry Bootcamp

The application provided an interactive and user-friendly experience, offering detailed information about different dog breeds, allowing users to sort and filter results, and even create their own dog breed using a form.

Key Achievements and Responsibilities:

- Integrated a functional form that allowed users to create their custom dog breeds and add them to the database.
- Enabled sorting and filtering functionality for breeds by weight, name, origin, and temperaments.
- Conducted thorough testing to ensure the proper functioning of all application features.
- Optimized application performance by identifying and addressing potential front-end and back-end performance issues.
- Researched and applied best practices in web development to ensure project quality and efficiency.

Technology used:

- **Front-End:** React, Redux, CSS Modules, JavaScript.
- **Back-end:** Node.js, Express, JavaScript.
- **Database:** PostgreSQL and Sequelize.

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 had the privilege of working as a Back-End Developer, contributing to the development and enhancement of the company's web application. I collaborated with a passionate team, using key technologies such as Node.js, Express, PostgreSQL, and Sequelize to build a strong MVP that significantly improved the product's functionality.

Key Achievements and Responsibilities:

- Led the implementation of a payment gateway using MercadoPago, facilitating secure and efficient transactions on the platform.
- Developed an intuitive and efficient administration dashboard that allowed complete control over the system and internal processes.
- Contributed to the understanding and application of crucial concepts such as basic authentication, ACID integrity, transactions, and data normalization.
- Participated in exploring cloud solutions, investigating the potential of technologies like Firebase and Cloudinary for future scalable implementations.
- Worked closely with the team, creatively tackling challenges and addressing complex issues with innovative solutions.
- Contributed to a positive and collaborative work environment, sharing knowledge and learning from my peers.

My internship at Bookbuster provided me with a valuable opportunity to enrich my understanding of essential technologies and fundamental concepts in Back-End development. This experience not only strengthened my passion for programming but also boosted my personal and professional growth.

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 - Apr. 23

Red Persce S.A - Farmacias Red, leading pharmacy chain in the pharmaceutical sector in Córdoba, Argentina.

- Team Management: Ability to lead and motivate a team, delegate responsibilities, and ensure a positive work environment. Shift leader since August 2021.
- Problem Solving: Ability to identify and address issues and challenges in the daily pharmacy operation, ensuring an effective and efficient response.
- Customer Service: Ability to provide excellent customer service, meeting their needs and addressing their concerns effectively.

PROFESSIONAL EDUCATION

- Full Stack Web Developer - Henry Bootcamp. 800 hours of theoretical and practical coursework. 2023.

LANGUAGES

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