

Juan Carlos Sánchez Martínez

Bootstrap designer | Django rest framework | Intermediate CSS | SASS | Git & Github | Django

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WORK EXPERIENCE

Datagram

Backend Developer - Django REST Framework

May 2024 - May 2025

- **Experienced in developing APIs capable of generating Excel reports**, including tables and graphical analyses using **Matplotlib**.
- **Proficient in leveraging various Django libraries for building robust CRUD functionalities**.
- **Comprehensive API documentation** provided for all developed services, ensuring clarity and ease of integration.
- Skilled in developing **APIs that integrate with external databases**, including **direct SQL queries**, **Firebase**, among others.
- **Advanced consumer of third-party APIs**, including services such as **STP, Contalink, Kommo, INEGI, RestCountries**, and more.
- **Efficient in exporting large-scale datasets** from databases into Excel reports for business intelligence and data analysis.
- Excel reports include **advanced formatting and visual customization**, such as background coloring, custom fonts, and multi-colored charts to enhance readability and user engagement.
- **Intermediate understanding of CSS, Bootstrap, and Sass** (no formal work experience).

EDUCATION

Instituto Tecnológico de Apizaco

Mechatronics Engineering - 85

Sep 2020

Currently completing a degree in Mechatronics Engineering, while having developed strong expertise in backend development with Python and Django throughout the course of my studies.

EBAC

Backend Python - 95

Jun 2023

A complete course focused on specialization as an API (with django & django rest_framework) or view designer for frontend client consumption, addressing any user need for consuming metadata in any format, including Excel reports, external server consumption, class-based views, custom views built from scratch for specific use cases, and more.

Coderhouse - 75

Web Development

Jun 2025 - Ago 2025

Completed a Web Development course on the Coderhouse platform, focusing on HTML, CSS, Sass and Bootstrap to strengthen foundational front-end skills and enhance the styling of interfaces built with Django.

Openenglish

- 85

Jan 2024 - Aug 2024

Intermediate proficiency in spoken English.

PROJECTS

EDteam copy [↗](#)

Jul 2025

This project is focused on taking inspiration from the design of one of the leading references in online education today (<https://ed.team/>), a platform dedicated to providing accessible education for everyone interested in the world of technology.

Github repository - <https://github.com/JohnCard/EDteam---replica>

Main playlist [↗](#)

May 2023

A playlist to share projects that cannot have a free online domain (backend projects with Django Rest Framework), but with pre-recorded content so it can be viewed by other people interested in our services.

Online ecommerce [↗](#)

Sep 2025

This was a project integrated both a frontend client and a backend server. It interacts with a server built using Django REST Framework. The functionality of the project is demonstrated in the following YouTube link:

<https://www.youtube.com/watch?v=LYhuUxPeQI4>

backend server repository - <https://github.com/JohnCard/Backend---codeandote>

frontend server repository - <https://github.com/JohnCard/Online-ecommerce>

Please note that the previously shared Vercel link for the frontend client may not work, as it requires cloning the backend server project, which is also built with Django. This process may take some time. The frontend client link is shared merely as an additional reference.

Portfolio online [↗](#)

Nov 2025 - Dec 2025

Demonstrative personal online page showcasing all the technical skills offered so far, along with all our projects.

github repository - <https://github.com/JohnCard/profile>

About me - youtube [↗](#)

The following playlist was created to share who I am, what I intend to dedicate myself to in the future, what and why I'm passionate about solving software-development problems, why I enjoy programming and design, what motivated me to begin my journey with Django and Bootstrap, etc.

SKILLS

- Django
- Django rest framework (1 year professional experience)
- Bootstrap
- Intermediate CSS
- Sass
- Git & Github