

# Daniel Gil Barrera

Full Stack Developer

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## About

- As a creative developer with 2+ years of coding experience and a knack for turning app ideas into viable realities, I use my expansive personality to build cool web apps.

## Skills

### Programming

- |              |        |          |
|--------------|--------|----------|
| • Django     | • Html | • Vue.js |
| • Python     | • CSS  | • Htmx   |
| • Javascript | • SQL  |          |

### Languages

- English ([iTEP C2](#))
- Spanish (Native)

## Work history:

### Freelancing and freebies

- Unrelated to my role as an English instructor, created Python scripts that automated daily tasks at Berlitz, resulting in complete elimination of unnecessary workload for colleagues (instruction staff).
- Designed, implemented, and deployed websites for clients using the Django framework and integrated them with databases to automate the process of collecting and storing information from a widespread set of individuals through forms.

## Education

- **Computer Science Degree at Universidad Del Valle. Cali, Colombia.**  
February 2019 — Present
- Tons of MOOCs from top universities, self-directed materials, and other sources.

## Projects

- **Notebook 2.0:** Personalized notebook web app built with Django, HTML, CSS, JavaScript and SQLite. Utilized UML diagrams for database planning and implemented dynamic updating using HTMX and AJAX for a single-page application-like experience. Utilizing Vue.js for further improvements in user experience.
- **Tomatotimer:** Productivity tool based on the Pomodoro technique with Tkinter GUI and CSV database for task metadata, developed for learning and self-improvement.
- **Sanke.** Misspelled Snake game developed for a university course on programming foundations and design with vanilla JS, HTML, and CSS.
- **My portfolio website.** A dynamic web app displaying my projects, skills, and experience through a CRUD database and HTML templates.