

TERESA TAVERNELLI

WEB DEVELOPER



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ABOUT ME

Italian national computer scientist with five years of experience on web developing. I specialize in building the front end in dynamic and responsive web applications. I'm also passionate about Data Analytics using Data Lakes and Data Warehouse. I'm always learning about new technologies. Willing to relocate.

SKILLS

- JavaScript
- HTML - HAML
- GitHub
- Scrum
- CSS - Flexbox
- Ruby on Rails
- jQuery
- PostgreSQL
- SQL
- CoffeeScript
- React

LANGUAGES

- Spanish
- English (C2)
- Italian

COURSES

- General adult English course [Advanced Level] - British Council Caracas (2018 - 2023)
- React - Ultimate Guide: Hooks Router Redux Next - Udemy - 2023
- Everything jQuery... from novice to expert - Udemy - 2022
- Professional Web Design The Complete, Practical Course from Scratch - Udemy - 2020

PROFESSIONAL EXPERIENCE

Full-stack web developer

Akdemia (2021 - Current)

Full-stack web developer, where I lead multiple projects from start to finish. My role spans from performing in-depth project analysis to overseeing the full development process:

- **Full-Stack Development:** Implemented CRUD operations and redesigned views to enhance UI/UX using HAML, CoffeeScript, and CSS.
- **Data Aggregation & Query Optimization:** Built complex database queries with multiple joins to efficiently retrieve and process metrics.
- **Backend Processing & Job Scheduling:** Developed and managed Ruby on Rails background jobs for improved data handling and performance.
- **Scalable & Performant Architecture:** Optimized queries and database interactions to ensure high performance and responsiveness.
- **Data Visualization & Analytics:** Integrated bar chart visualizations using aggregated metrics to improve data-driven decision-making.

Thesis supervisor and tutor

Akdemia (2023 - Current)

As a mentor and academic advisor, I successfully guided four students through their graduation projects (thesis) at UNIMET, focusing on Data Lake and Big Data implementations. By providing hands-on mentorship and technical guidance, I effectively bridged the collaboration between the university and Akademia, ensuring both students achieved their academic goals while developing practical skills using the AWS platform.

Front End Web Developer

Tecnisistema Lanwork Place (2019 - 2021)

Web developer for two websites. DNS management, complemented by a modern front-end stack utilizing AdobeXD for design, HTML/CSS for structure and styling, jQuery for interactivity, and Bootstrap for responsive layouts:

- [Tecnisistema Web](#)
- [Tecnicago Web](#)

EDUCATION

Universidad Central de Venezuela

Bachelor in Computer Science (2010 - 2018)

Thesis title: Business Intelligence Solution based on a Big Data architecture for the Web Archive of Venezuela.