

# Alessandro Pani

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## Education

### Universidad de Costa Rica

Computer Science, Software Engineer.

2026

### High School Name

Bribri College, Alajuela.

2019

## Experience

### Universidad de Costa Rica

Remote

#### Web Development

2023 – 2025

- Developed a fixture script to clean and prepare farmers' market product price datasets for PostgreSQL and Django integration.
- Implemented dynamic visualizations to display product price trends over time for user-selected items.
- Integrated Wagtail CMS into the web application to enable dynamic content management and streamline page editing through a user-friendly admin interface.
- Utilized Django's ORM to structure data models and manage database operations in a clean and scalable way.

### Hotel Issimo Suites

Quepos, Manuel Antonio.

#### Web Development

2022 – 2025

- Developed and maintained the hotel's website using Wix and custom JavaScript enhancements.
- Managed website content, structure, and user interface to improve user experience and booking accessibility.
- Administered SEO strategy, optimizing site metadata and structure to increase visibility and search engine ranking.
- Monitored site analytics to guide improvements in performance and user engagement.

## Skills

**Programming Languages and Web:** HTML, CSS, Tailwind CSS, JavaScript, C++, Java, Python.

**Tools and Platforms:** Docker, AWS, Google Cloud, Figma, Wix.

**Databases:** SQL, PostgreSQL, Firebase, MongoDB, Supabase.

**AI and ML:** PyTorch, LLM Prompting and Chatbots.

**Practices:** Unit Testing, Agile and Scrum, Design Thinking, Security.

**Frameworks and Libraries::** Node.js, Django, FastAPI, Flask, ASP.NET, SpringBoot, Astro, Flutter, React, Next.js.

**Soft Skills:** Teamwork, Effective Communication.

**Language:** English, Spanish, Italian.

## Interests

Modern Web Development • Mobile Development • Open-source projects • UI/UX design • Scalable systems • Data Science • Machine Learning • Running.