

Yesica Venialgo

Software Engineer | Frontend-first Fullstack

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Frontend-first Fullstack Developer with 3+ years of experience building web applications. Strong foundation in React and Next.js, with experience in Django, Node.js, testing, and production deployments. I build accessible, maintainable interfaces and collaborate across the full development lifecycle.

EXPERIENCE

Frontend Developer to Fullstack

Chief of Cabinet of Ministers' Office - Presidency of Argentina | Jan 2023 - May 2026

- Gathered team requirements and delivered an end-to-end CRUD application with React/Next.js, Django, and PostgreSQL, used by 6 team members.
- Contributed to a tool that unified information from two systems, reducing manual work and streamlining daily workflows for 8 users.
- Designed and configured real-time communication channels by integrating REST APIs and WebSockets.
- Wrote unit tests, implemented web security validations, and created technical documentation as part of an agile team.
- Applied protection against SQL injection, XSS, CSRF, and insecure credential handling.

TECHNICAL SKILLS

Frontend: Next.js | React | TypeScript | Tailwind CSS | shadcn/ui | Redux Toolkit | Redux Saga

Testing: Jest | React Testing Library | Playwright

Backend: Python | Django | Django REST Framework | Node.js | Hono | PostgreSQL | WebSockets | Prisma

Infrastructure: Docker | Docker Compose | AWS EC2 | S3 | nginx | GitHub Actions | Vercel

AI and tools: Groq API | LLM integration | n8n | Redis | MapLibre

PROJECTS

Buywise

[Next.js](#) | [TypeScript](#) | [Node.js](#) / [Hono](#) | [PostgreSQL](#) | [Prisma](#) | [Playwright](#) | [Groq API](#) | [Docker](#) | [GitHub Actions](#)

Price comparison project that organizes publicly available product information into clear results.

Integrates Llama 3.3 70B through Groq for AI-powered recommendations, price history, email alerts, CI, and Docker Compose deployment.

Real-Time Chat

[Next.js](#) | [TypeScript](#) | [Django Channels](#) | [WebSockets](#) | [PostgreSQL](#) | [Docker](#)

Fullstack real-time chat application with themed rooms, online user presence, reactions, persistent history, and room updates without polling. Includes automated testing, rate limiting, and security validations.

Recurros IA Argentina

[Next.js](#) | [TypeScript](#) | [Redux Toolkit](#) | [Django REST Framework](#) | [PostgreSQL](#) | [Docker](#) | [Vercel](#) | [AWS EC2](#)

Collaborative platform for discovering free Artificial Intelligence courses. User submissions go through an admin moderation workflow before publication; deployed with a Vercel frontend and AWS EC2 backend.

Mappi - In development

[Next.js](#) | [TypeScript](#) | [Django REST Framework](#) | [PostgreSQL/PostGIS](#) | [Redis](#) | [n8n](#) | [MapLibre](#)

Platform in development that helps families discover activities, events, and places for children in Buenos Aires, with plans to expand to other cities and regions.

EDUCATION

Web Frontend Development - ADA ITW | 2022

Introduction to Python - ADA ITW | 2025

Large-Scale Systems Design and Software Architecture - Udemy | In progress, 2026

LANGUAGES

English - B1, currently improving toward B2.