# PEDRO GONZALEZ C
## FULL-STACK DEVELOPER

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📍 Argentina

## ABOUT

Full-stack developer with two years of freelance experience, specializing in web development, UX/UI, and agile methodologies.
Strong background in digital communication, enhancing project management and stakeholder collaboration.
**C2-level English proficiency.**

## EDUCATION

**Universidad Nacional de LP**
Digital Communication
Jan 2021 - Present

**Universidad Nacional de LP**
Computer Science
Jan 2019 - Dec 2021

## SKILLS

- Digital Communication.
- Application Architecture.
- UX/UI.
- Teamwork.

## LANGUAGES

- Spanish (Native)
- English (C2 Proficient)

## PROFESSIONAL EXPERIENCE

### Full-stack Developer
**Bolivar Gobernment - Mar 2025 - Present**

Developing a Progressive Web Application (PWA) for **comprehensive urban tree inventory and management,** enabling municipal staff to conduct detailed tree and green space surveys with advanced data collection and visualization capabilities.

- Implemented a **multi-step form workflow** with rigorous data validation for capturing detailed tree and urban space information
- Designed robust **offline data synchronization** mechanism allowing field work in areas with limited internet connectivity
- Created **role-based authentication** system with administrator and user access levels
- Developed **interactive urban tree mapping** interface with advanced filtering capabilities
- Integrated image capture and external cloud storage solution for efficient media management

**Technologies: Vite, Tanstack Router/Query/Table/Form, Postgres, Drizzle, AWS S3**

### Full-stack Developer
**InSoln - Nov 2023 - Feb 2025**

Developed a maintained a full-stack application for an engineering company based in Argentina, this software organizes their clients information, included their different plants, equipments and forms.
The main functionality its the automated PDF generation, based on latest registry for that equipment, with camera integration for the engineers to take and store pictures while filling the fields.
This is all on top of a user/admins authorization implemented with JWT auth based on React Context.
I used Strapi for the backend, and Vite, Tanstack Query and Router, and Axios for the API in the frontend, all together with Vercel, AWS and Linode for deployments and storage.

## TECHNOLOGIES

### Frontend
- HTML
- CSS
- React
- Typescript
- Next.js
- Tailwind CSS
- Vite
- Axios
- Tanstack
- Zod, Zustand, RHF

### Backend
- Node.js
- Express
- MongoDB
- PostgreSQL
- Rails
- Nest.js
- Strapi
- Hono

### DevOps
- Docker
- Linux
- AWS Services
- Git
- GitHub