

# - P A B L O P É R E Z -

## Pablo Pérez - Full stack developer at Jade Informática

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- ▶ Languages: C, Java, JavaScript, PHP, HTML, CSS, Python
- ▶ Frameworks: NodeJS, React, Fat Free framework
- ▶ Databases: MySql, Postgres, Firestore database
- ▶ Support: Git, VirtualBox, Trello, Sourcetree, Docker, Docker compose
- ▶ Serverless models: Supabase and firebase
- ▶ Cloud: Heroku and Vercel

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## PROFESSIONAL EXPERIENCE

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**Jade Informática**, Montevideo • Developer, Technician, full stack dev

Mar/2005- Present

Made different projects, for clients and for the business.

The most important projects and my contributions were:

06/2023 – 06/2024

Order system for a private client.

Role: Designer, Architect and main developer.

Stack used: React client + NodeJS backend API + Postgres DB

Achievement: Reduce time for the client towards his clients in order to expedite the order creation process.

03/2019 – Present

Tenderness IoT device for measuring meat on slaughterhouse and big surfaces.

The project was in conjunction with the Faculty of Sciences of the University of the Uruguayan Republic (UdelaR) and ITP SRL. My role was de main and only developer (as a member of Jade Informática) and the designer of the hardware needs on computer level. The group was integrated by an Electrical Engineering (from ITP) and the university physicist (from UdelaR).

Role: Architect, Designer and Developer for hardware and software requirements.

Stack used: Java for the core project, Python for the LCD1602A device as a local API, using Flask and C for Arduino components.

Hardware worked and evaluated on: Udoo V8, Udoo V3, Raspberry Pi 2, Raspberry Pi 4, Raspberry Pi 5, Arduino, Asus Tinkerboard with LCD1602A and HS-179 screens

Achievement: Will revolutionize the way the slaughter houses work, providing the client with a way to know if the meat they are about to eat will be tender or not.

02/2015 – 11/2020

Ticket system for Jade Informática.

The main system of the Business, consisting of a service ticket system allowing the business to track all the services they provide, getting an historical of the devices it fixed and allowing the client to sign the service ticket from a mobile device (phone or tablet).

Role: Architect, designer and main developer

Stack: Fat Free Framework, PHP, CSS, HTML and Javascript with JQuery

Achievement: A way to organize the business, a way to have an historical data of the devices the technicians work on and a way to validate with the client the delivery of the devices.

**Freelance**, Montevideo • Computer technician

Mar/1996 - Mar/2005

Prior to start Jade Informática, I worked as a freelance for almost 10 years repairing computers when that was profitable and a challenge.

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## EDUCATION

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**System Engineering degree** • ORT University, Uruguay

2023

**Programmer degree PHP & MySql** • Bios School, Uruguay

2015

**First Certificate Examination** • Anglo School, Uruguay

2000

**Semester outside on Bedford High School** • Bedford PA, USA

1998

**Highschool degree** • Juan XXIII, Uruguay

1996 – 1999

**Secondary School** • Colegio Jesus María , Uruguay

1991 - 1995

#### Additional achievements:

03/2021 - 05/2022 Thesis approval of 100%. The project was a real project for a real client. The client was the Agricultural Ministry of Uruguay (MGAP) and the project was a Chatbot for answer FAQ to the population. While doing this, I was the project manager of the team (team of 4 developers), we did an hybrid development using Kanbas and Scrum methodology.

We develop with **NodeJS**, using **Git** as our version control system and we deploy everything using **Docker** containers and **docker-compose** for it. We based the AI using Wit.AI as it was a free AI and was a requirement from our client. For fastening the system, we used **Redis** for cache and **Bull** for queues.

For the frontend we ended up using Angular due to a restriction from MGAP as well. I did not participate on the frontend.

And as a requirement, the client asked us to make it portable to different areas of the Ministry, so we did it. The ministry can instantiate the Chatbot on any of their dependencies.

#### Access Links:

Git Access: <https://github.com/PerezPablo80>

LinkedIn Access: <https://www.linkedin.com/in/pablo-pérez-878155161/>

Portfolio Access: <https://portfolio-nine-zeta-13.vercel.app/>