

CURRICULUM VITAE

Personal data

Name Pablo María Pérez Medeiros
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Studies

1985 -1990 School “Colegio Jesus Maria”
1991 - 1995 Secondary Colegio Jesus Maria
1996 - 1999 Highschool Juan XXIII
1998 – Semester outside on high school Bedford PA (USA)
2023 – System Engineering degree at ORT University - Uruguay

Other studies:

1997 – Technician Computer maintenance – ORT University
2000 - First Certificate Examination approval
2015 – Programmer Php y MySql – BIOS School
2021 – Create a project on React – Udemy online
2022 – Developing on Python – Udemy online
July 2022 – Thesis approval 100%

Aptitudes

Programming languages: C, C#, C++, Java, Javascript, Typescript, Php, HTML, CSS
Frameworks: NodeJS, React, Fat Free framework (php).
Databases: MySql, Postgres, Firestore Database
Support systems: VirtualBox, Git, Trello, Sourcetree, Docker, Docker compose
Serverless model: Supabase and Firebase

Work history:

2005 to the day: Jade Informática - Local business that that handles computer repairs on Uruguay and builds small pieces of software to private clients.

Projects:

- 6/2023 - to the day:
 - React client + NodeJS backend API for an order system
 - React client + Serverless (supabase) for a webapp sort of shopping cart
- 03/2019 – to the day Meat tenderness IoT, a device that, without cutting the meat, prior to cook it, can tell you if the meat will be tender or not. 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 with an Electrical Engineering (from ITP) and the university physicist (from UdelaR).

The project was made with pure Java and some libraries (for serial reading and math components)

- Roles: Java developer/ C developer for Arduino components + PHP/CSS/HTML and Javascript for server purposes
 - As of march 2024, we change the Arduino for a Raspberry pi device, so we implemented the 1602 Screen using an API on Python and Flask so we talk to the screen form Java.
- 02/2017 – 11/2020 Additional components to the Ticket system, such as signature on mobile phones and the process for sending the pdf generated with the signature to the client.
 - Roles: Developer using PHP/CSS/HTML/Javascript
- 01/2010 – 07/2016 The develop of a ticket system for Jade Informática. I was lead developer for the software that handles the repair process on our business. The software is responsive, handles the signature (not for phones) from the clients and generate the pdf of the whole process. Also sends mails to the client as well as to the business. It was all written in PHP with fatfreeframework, JS, HTML and CSS.
 - Roles: Developer using PHP/CSS/HTML/Javascript
- 2015 up to today – Some websites for Jade Informática's clients using Wordpress or just plain PHP and MYSQL.
 - Role: I was the developer of those websites.

1996 - 2005 freelance as a computer repair technician

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

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/>

