

# JORDI LÓPEZ-PELÁEZ

Contact: **096771243** | Website: <https://jordicathew.onrender.com> | Email: [lopezpelaiezjordi@gmail.com](mailto:lopezpelaiezjordi@gmail.com)

Linkedin: [LinkedIn](#) | Github: [JordiCathew \(Jordi Cathew\) \(github.com\)](#)

## TECHNICAL PROJECTS

08-2025- Present

**Real-Estate Management SaaS Platform – Final Year Project for a real estate company (Inmobiliaria i3)**

(TypeScript, Node.js, Express, React, PostgreSQL, AWS (ECS + RDS), Jest, Github Actions)

- Designed and developed a production-grade, multi-tenant web platform for end-to-end real estate management (owners, tenants, properties, payments, reporting).
- Built a secure PDF processing engine (Multer + parsing) for automated payment validation from insurance statements with visual error highlighting and mismatch detection.
- Implemented clean architecture, dependency injection, role-based access control (JWT), audit logging, and unit/integration tests.
- Creating advanced reporting dashboards with dynamic filtering, inline editing, accordion details, and Excel/PDF export functionality.

*Source code confidential due to NDA – available to discuss architecture, challenges, and impact in detail during interviews.*

04/2025 – 06/2025

**Restaurant application app (Java)** – Designed and developed a prototype app for a fictional restaurant, implementing core features like order reservations using **Observer, State, and Facade among other design patterns**, focusing on modularity, maintainability, and scalability of the application.

07/2024 – 08/2024

**Time Tracking Application (React, Redux, API Integration)** – Developed a time tracking application that allows users to track and manage their workout sessions. Implemented features such as session creation, time tracking, and data manipulation. Integrated with an external API to fetch session data and display it dynamically.

09/2024 – 10/2024

**Web App for Olympic Events management(C# .NET)** – Developed a web application for managing Olympic Games events, disciplines, athletes, and user authentication using ASP.NET Core Razor Pages adding RESTful API integration for dynamic data retrieval and filtering, including secure token-based authorization.

03/2023 – Present

**Personal Portfolio Website** (MongoDB, Express.js, React, Node.js) – Built and deployed a personal portfolio site with a contact form and responsive design, hosted on Render.

2021 – Present

**Personal Projects**

- Various programs such as: (photo filter program, text correction program, etc)

## **EDUCATION**

- 2023 – 2026 – **I.T. ANALYST** – ORT UNIVERSITY URUGUAY
- 2020 – 2022 - **BACCALAUREATE OF COMPUTER SCIENCE** - I.T.S. ARIAS BALPARDA MONTEVIDEO, URUGUAY

## **RELEVANT COURSEWORK**

-05/2023 – 2024 - **TensorFlow Developer Certificate in 2023: Zero to Mastery** - *udemy.com* 01/2023 –  
-04/2023 - **THE COMPLETE WEB DEVELOPEMENT BOOTCAMP 2023** – UDEMY.COM  
-08/ 2022 – 01/2023 - **HARVARD'S CS50'S INTRODUCTION TO ARTIFICIAL INTELLIGENCE WITH PYTHON** – EDX.ORG

## **SKILLS**

<b>Programming:</b>	Python, Java, C#, Javascript, SQL, Git, Github, Bash, Data Structures(arrays, linked lists, hash tables, trees, graphs, queue, stack) & Algorithms(sorting, searching, graph traversal)
<b>Languages:</b>	English(Proficient), Spanish(Native).