

Pablo Arancibia

Software Developer

Contact info: pabloarancibia.dw@gmail.com
Portfolio: <https://github.com/pabloarancibia>
Experience: 10+ years.

www.linkedin.com/in/arancibiapablo
Location: Málaga, Spain.

Profile

Backend-focused Software Engineer with over 10 years of experience, transitioning into high-performance Fintech architectures. Specializes in building robust solutions using Python, GCP, and Microservices. Expert in designing scalable REST APIs, event-driven data pipelines, and managing complex integrations in regulated environments. Combines a strong background in R&D (IoT, Radar Systems) with practical engineering speed to deliver secure, cloud-native financial infrastructure.

Core Competencies

- **Backend & APIs:** Python (Advanced), FastAPI, Django , TypeScript, RESTful APIs, Microservices.
- **Cloud & Infrastructure:** Google Cloud Platform (GCP), AWS , Docker, CI/CD Pipelines, Terraform.
- **Data & Integration:** Event-Driven Architecture (Pub/Sub), Data Pipelines, SQL (PostgreSQL) , NoSQL (MongoDB).
- **Domain Knowledge:** Fintech, Payment Systems, IoT Protocols (MQTT) , Blockchain, Embedded Systems.

Professional Experience

Brite Payments, (Spain)- Software Engineer

<https://britepayments.com/>

2024 - Present

Architect and maintain secure backend integrations using **Python** and **Google Cloud Platform (GCP)**.

Design scalable data pipelines to connect internal financial ledgers with third-party banking providers.

Optimize cloud infrastructure (Cloud Run/Functions) to ensure high availability and cost-efficiency for transaction processing.

Freelance, (Remote)- Software Developer

2024

Designed a comprehensive Testing Suite Framework using Pytest and Django for a private client.

Implemented CI/CD pipelines via Bitbucket to automate quality assurance and deployment.

Facilitated the integration of legacy Node.js services with modern Python backend logic.

Stack:

Languages: Python, Typescript, Javascript. Pytest, Jira & Pipelines.

ECOM Chaco, (Remote)- Software Developer

<https://ecom.chaco.gov.ar/en/>

2020 - 2023

As a Fullstack and Backend Developer, I have contributed to the development of high-quality software by implementing agile Scrum methodologies. My expertise includes designing and optimizing scalable architecture, ensuring seamless integration of front-end and back-end components. I excel in utilizing technologies such as Python and Typescript, and my proficiency extends to Django and Node.Js. Throughout my career, I have consistently delivered efficient and user-friendly solutions, demonstrating a strong commitment to achieving both technical excellence and project success.

Additionally, I have led teams in roles such as Lead Developer, actively participating in requirements analysis, cost estimation, task prioritization, responsibility distribution, and effective coordination with third parties.

Key Responsibilities: Requirements analysis, Software design, Coding, Software testing, Debugging and bug fixing, Team collaboration, Documentation, Maintenance and updates, Research and continuous learning, Adhering to deadlines, Software security.

Stack:

Languages: Python, Typescript, Javascript.

Backend: Django, DRF, NodeJs.

Frontend: Angular, Ionic.

Others: AWS, Docker, PostgreSQL, GIT.

Tools: Monday, Miró, Confluence, Trello, Jira.

Freelance - Fullstack Developer

2022

I autonomously executed the end-to-end development of an IoT solution focused on state management for work processes in a private company. This involved integrating RFID technology, microcontrollers, and a comprehensive server system. From project planning to implementation and deployment, every aspect was undertaken individually.

The key technologies utilized encompassed Typescript, Angular, Ionic, NodeJs, Express, Sequelize, C++, MQTT, Docker, and NginX, resulting in a streamlined and efficient system.

AIR FORCE, Argentina - Researcher & Developer

2018 - 2020

I took on the role of Developer, where I led a team in the research and development efforts for upgrading a radar signal processor. In this dynamic environment, my focus extended to Radar Signals and Embedded Systems, contributing to innovative solutions. With Python and C++ languages, I played a key role in shaping and implementing advancements in technology during this period.

Key Responsibilities: Research, Develop, Delivery of reports.

Stack: Python, C++, Microcontrollers.

AIR FORCE, Argentina - Head of Communications and IT Services

2014 - 2020

I held a pivotal position in the administration of personnel, management of daily tasks, and project oversight. My responsibilities extended to the effective administration of materials, including cost management, expense forecasts, and resource projections. Amidst these duties, I honed a significant ability to work under pressure. This skill, combined with my efforts in ensuring the seamless functioning of IT and communication infrastructure, underscored my contribution to the strategic planning and operational efficiency of the department.

Key Responsibilities: Managing a team of 17 professionals.

Stack: Linux, Mikrotik, Cisco.

AIR FORCE, Buenos Aires - Fullstack Developer

2011 - 2013

As a Fullstack developer, I spearheaded the development and maintenance of diverse system projects. A notable achievement was the successful implementation of a comprehensive system to manage access to the central building of the Air Force in Argentina. Additionally, I played a pivotal role in creating a system for efficiently managing tasks and schedules at military hospitals within the institution..

Stack: C#, Asp.Net & SQL.

Education

University of Buenos Aires - Internet of Things Specialty - <https://www.uba.ar/> - 2020 - 2023.

- **Protocols:** TCP/IP, Mqtt, LoraWan, and others.
 - **Languages:** Typescript with Angular & NodeJs. C++
 - **Databases:** Relational (MySql), No relationals (MongoDB) and graphs (Neo4j)
 - **Technologies:** Machine Learning, Cibersecurity, Testing, Embedded systems, AWS Cloud, Agile methodologies, and others.
-

Emurgo - Cardano Blockchain Developer - <https://education.emurgo.io/> - 2021 - 2022

- Blockchain fundamentals - Cardano fundamentals - Haskell programming
-

ITBA - Diploma on Data Science - <https://www.itba.edu.ar/> - 08/2020 - 12/2020

- Advanced SQL - ETL (Extract, Transform and Load) - R & Python - Machine Learning and Neural Networks - Visualization
-

National University of Lanús - Degree in Computer Science - <http://www.unla.edu.ar/> - 2020 - 2022

- Oriented in Technologies for Education.
 - Thesis Work, Research Methodologies, Pedagogy Courses, Computational Thinking, Project Management, Systems Design.
-

Almafuerte Institute - Systems Analyst and Computer Programmer 2005 - 2007

Programming, Systems Design, Database Management, Algorithm Analysis and Design, Computer Architecture, Computer Networks, Operating Systems, Web Development, Computer Security, Project Management, Internships and Ethics

Language Skills

English: Intermediate (B2) - **Spanish:** Native

Portfolio - <https://github.com/pabloarancibia>