

## Curriculum Vitae

**Surnames / First names:** Francisco Pandol

**E-mail:** pandol.francisco@gmail.com

**Linkedin:** [www.linkedin.com/in/franciscopandol/en/](https://www.linkedin.com/in/franciscopandol/en/)

**Github:** <https://github.com/franpandol>

**Agile Certifications:** PSM I. Professional Scrum Master - [Scrum.org](https://www.scrum.org)

## Work Experience

### Software Engineer, NanLabs for AgioRatings

**Dates of Employment:** Dec 2023 - Present

**Company Description:** NanLabs provides custom software development services, and AgioRatings is known for monitoring distress signals in digital asset exchanges.

**Key Contributions:**

- Designed and built APIs for financial data analysis using Python 3 and FastAPI, detecting unusual patterns to inform investment strategies.
- Enhanced anomaly alert systems for real-time financial variable monitoring, deployed on Azure Platform with CI/CD processes via GitHub Actions.
- Collaborated closely with data teams to integrate Python-based systems for real-time analytics, improving investment decision-making processes.

**Key Skills:** Python 3, FastAPI, Azure, Github Actions, MongoDB

### Python Engineer, Foxbox Digital for GLASFunds

**Dates of Employment:** Aug 2022 - Oct 2023

**Company Description:** Foxbox Digital offers digital solutions and services, while GLASFunds is a wealth management platform focusing on enhancing financial functionalities through technology.

**Key Contributions:**

- Engineered new features for a finance management tool using Python and Django, significantly improving functionality and user experience.
- Leveraged Python to implement robust, scalable backend solutions on Google Cloud Platform.
- Streamlined development workflows with GitHub Actions, enhancing the platform's efficiency and scalability.

**Key Skills:** Python 3, Django, Google Cloud Platform, Github Actions

### Senior Software Engineer, Apptim

**Dates of Employment:** Feb 2021 - Jul 2022

**Company Description:** Apptim is a platform aimed at improving mobile app performance by analyzing and addressing issues such as crashes, slow responsiveness, and excessive battery usage.

**Key Contributions:**

- Developed and maintained performance analysis tools for mobile applications using Python, including profiling with Xcode Instruments and Android Debug Bridge (adb) for iOS and Android platforms respectively.
- Automated performance testing and data

collection in CI/CD pipelines, contributing to improved app efficiency and user satisfaction.

- Successfully migrated the codebase from Python 2 to Python 3 and developed integration systems using GitHub Actions and AWS Device Farm.

**Key Skills:** Python 3, Java Spring, AWS, Github Actions, Electron, Vue.js

#### Python Engineer - Tech Leader, RealTrends

**Dates of Employment:** Feb 2019 - Feb 2021

**Company Description:** RealTrends is a technology company providing solutions for managing businesses on MercadoLibre, offering tools for data analytics, inventory management, and sales tracking.

**Key Contributions:**

- Led a team in developing new features and functionality for RealTrends, focusing on tools for analyzing and managing businesses on MercadoLibre, ensuring high coding standards and best practices.
- Collaborated closely with the product team to define feature priorities, significantly enhancing platform capabilities and user experience.
- Mentored junior developers, fostering a culture of learning and continuous improvement within the team.

**Key Skills:** Python 3, Django, AWS, Database optimization

#### Lead Engineer, Al Pelo - Delivery On Demand Platform

**Dates of Employment:** Jan 2018 - Feb 2019

**Company Description:** Al Pelo is an innovative platform offering on-demand delivery services, focusing on optimizing delivery operations and customer satisfaction.

**Key Contributions:**

- Spearheaded the development of the company's first engineering team, setting the foundation for scalable backend architecture with Python 3 and Django.
- Pioneered systems that optimized delivery operations, including launching MVPs on various platforms, enhancing service reliability and customer satisfaction.
- Managed and maintained technical infrastructure on AWS, including S3, RDS, SQS, and SNS, ensuring robust and efficient platform operations.

**Key Skills:** Python 3, Django, AWS S3, RDS, SQS, SNS.

#### Python Lead Developer, PredictionLabs - Bitcoin Exchange Platform

**Dates of Employment:** Jul 2016 - Nov 2017

**Company Description:** PredictionLabs is focused on the development and maintenance of a Bitcoin exchange platform, facilitating secure and efficient cryptocurrency transactions.

**Key Contributions:**

- Designed, developed, and maintained the technical architecture of the Bitcoin exchange platform, including backend systems, APIs, and third-party service integrations.
- Developed an internal administration website using Django to streamline operational processes and implemented a robust ID verification system with Jumio, enhancing security and compliance.

**Key Skills:** Django, MongoDB, PostgreSQL

## **Django Programming Course Teacher, Catamarca Government and Catamarca City Technology Cluster**

**Dates of Employment:** Nov 2016 - Jun 2017

**Key Contributions:**

- Taught the Django Intensive Programming Course, imparting advanced skills in web development to professionals and fostering the growth of local tech talent.

## **Technical Consultant, Institutional and Provincial Internal Fortification Programme - Argentina National Ministry of Economy**

**Dates of Employment:** 2015

**Key Contributions:**

- Led the development of official government websites and dashboards for civil servants' internal use, as well as platforms for citizen participation, utilizing Django, PostgreSQL, and AWS to deliver robust and scalable solutions.

## **Android/Django Developer, Freelance**

**Dates of Employment:** 2013 – 2015

**Key Contributions:**

- Provided freelance development services specializing in Android and Django, delivering customized software solutions to meet the unique needs of various clients.

## **Java Developer, Science and Technical Secretary, National University of Catamarca**

**Dates of Employment:** 2010 – 2015

**Key Contributions:**

- Contributed to the development of software solutions aimed at enhancing academic and administrative processes, leveraging Java to create effective and efficient applications.