

# Vinicius C. Mesel

Software and Product Engineering

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## Skills

Software development, Software Engineering, Data Engineering, Scraping

FEB 2023 - TO DATE

**Itaú Unibanco, São Paulo** - *AIOps* Software & Data Engineer

- Back-end developer using Python, Django, and Groovy (Jenkins)

MAY 2022 - FEB 2023

**MaisRetorno, São Paulo** - Software & Data Engineering Consultant

- Back-end developer, focused on maintaining Django, FastAPI, and Node.JS APIs
- Development of data pipelines using Pandas, Numpy, Airflow, and proprietary technologies, enabling investment funds data flows
- Creation of Golang ETL algorithms and support on pREST (<https://github.com/prest/prest>)
- Scraping development with Scrapy and Selenium

NOVEMBER 2017 - MAY 2022

**Pluo, São Paulo** - Software Engineer & Original Founder

- Developed the codebase on Django and Python with PostgreSQL and AWS (first deploys were on Heroku, then we migrated due to more flexibility).
- AWS Infrastructure definition with EC2, ECS, Lambdas, and Elastic Load Balancers
- Created APIs for React and WordPress front-ends consumption
- Hired more than 10 thousand candidates; Managed directly 3 teams and over 17 people.
- Created the concept and scaled it from 0 to the sale of the company (First startup exit)
- Scraping development with Selenium
- Original code available on: <https://github.com/vmesel/PyJobs>

AUGUST 2018 - JULY 2019

**Emerald Gestão de Investimentos** (a Banco Safra Company), **São Paulo** - MFO Intern and Software Engineer

- Data Engineering on Investment data
- Python and R development for Hedge Funds and Portfolio analysis
- Excel automation through Python

## Education

(2023 - 2024) **FIAP, São Paulo** - *MBA Candidate*, Data Engineering

(2017 - 2021) **FIAP, São Paulo** - *BSC*, Computer Engineering

(2016 - 2018) **USP and Instituto Butantan** - *Undergraduate Researcher*, Bioinformatics