

MICHAEL TARGINO

Software Engineer

MORE LINKS

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<https://micaeltargino.github.io/portfolio/>

SUMMARY

Since 2020 as a self-taught programmer, and since 2022 working professionally, I've been continuously engaged in solving problems with code.

Currently, as a Software Engineer at Metrike, I'm facing challenges in the Backend Development and Data Engineering for AdTech Industry. I'm pursuing a Computer Science Degree at UFPB too, where my quest for knowledge and experience continues to thrive.

EDUCATION

- Bachelor in Computer Science, UFPB , 2023-2027
- Associate in Systems Development and Analysis, University Cruzeiro do Sul. 2023-2025

HARD SKILLS

- Backend: Python, Django, Django Rest Framework, Flask, FastAPI.
- Data Engineering: Pandas, Numpy, Apache Airflow.
- Frontend: Html, Css, Javascript/Typescript, ReactJs, NextJs, TailwindCss, Redux.
- Databases: MySQL, PostgreSQL, Redis, MongoDB.
- DevOps: Docker, Nginx, Git, Digitalocean.
- Basic Proficiency: Node.js, C/C++, Assembly, PROLOG.

PROFESSIONAL EXPERIENCE

Software Engineer, Metrike, dez 2023 - currently

- Developed a robust ETL data pipeline for the AdTech industry, optimizing the data extraction, transformation, and loading processes to enhance real-time analytics and decision-making (Python, Pandas, Apache Airflow, Flask, SQLAlchemy, Docker, PostgreSQL).
- Developed an API for Excel report generation, efficiently delivering files with dozens of MB. (Python, Django, Pandas, Celery, Redis, Docker).
- Developed an internal application for processing Sentiment Analysis of news (Python, Flask, OpenAI, Docker).
- • Built concurrent web scrapers for brand safety classification of millions of URLs daily (Python)

Fullstack development Trainee, DeuCrédito, out 2023 - dez 2023

- Built a new partner onboarding flow for a SaaS application in the FinTech sector, enabling new contributors to fully customize their pages with real-time change previews. (Technologies: Python, Django, HTMX, JavaScript)

Fullstack Development Trainee, Metrike, set 2022 - out 2023

- Developed an internal application for users to validate the integrity of auto-captured daily ad-banner snapshots. (Python, Django, Javascript, ReactJs)
- Created concurrent web scrapers to build a comprehensive database of all cities and states in Brazil. (Technologies: Python, Pandas, Supabase)

LANGUAGES

- Portuguese: Native
 - English: Fluent
 - Spanish: basic
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