

ALEXANDRE ARNONI NIERI DE FREITAS

BACKEND DEVELOPER

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RESUME

Career-transitioning backend developer with hands-on experience in **Python, FastAPI, Django, and PostgreSQL**. Since 2014, I have worked in the public sector, developing strong skills in **process analysis, automation, and problem-solving** — abilities now applied to building **REST APIs** and **scalable web systems**.

I have developed end-to-end projects, including a **financial organizer with an interactive dashboard**, an **intelligent playlist recommendation system based on sentiment analysis (PlayMood)**, and an **automated bot for expected value (EV+) analysis in sports betting (EV+ Betting Bot)**, integrating **APIs** and **notification automation**.

Certified in Google Data Analytics and with **technical training from Alura**, I am seeking opportunities to work with **backend development, REST APIs, automation, and system integration**.

PROFISSIONAL EXPERIENCE

Prefeitura de Praia Grande, Praia Grande - SP

2014 – Present

Section Chief of Social Security Compensation

Responsibilities:

- **Team leadership and analysis of social security compensation processes** according to federal legislation
- **Digitization and standardization of documents**, increasing the efficiency of the department
- **Public service** and management of legal procedures related to social security

Resultados:

- Contributed to a **more agile and organized routine** by digitizing document workflows.
- Improved **internal process control**, reducing recurring errors and facilitating access to information
- Strengthened **public service** with precise guidance and technical support to colleagues in the department

PERSONAL PROJECTS

Financial Organizer with Dashboard

2025

Activities:

- **Multi-user system** with secure authentication and **financial transaction control**
- **Interactive dashboard** with charts of income and expenses by category
- **Technologies: FastAPI, Python, PostgreSQL, HTML, JavaScript, Chart.js, Bootstrap**

Resultados:

- Project developed as a **practical study** to consolidate knowledge in **backend, authentication, and data visualization**.

- Structure ready for real-world testing and future evolution based on user feedback

PlayMood – Playlist Recommendation System based on Sentiment

2025

Activities:

- **Integrated with HuggingFace** for sentiment analysis and the **Spotify API**
- **Mood-based recommendation** and admin dashboard with sentiment graphs
- **Technologies: FastAPI, Python, HTML, JavaScript, Chart.js, Pandas**

Results:

- Project created as an **experiment in API integration** and sentiment data processing.
- Product available for future validations and potential improvements based on testing and feedback.

EV+ Betting Bot – Expected Value Detection for Sports Betting

2025

Activities:

- **Python bot** that identifies **expected value (EV+) opportunities** in sports betting, integrating **odds APIs** and sending **automatic alerts via Telegram**
- Implementation of **EV calculation**, dynamic stake suggestion, market filtering, and daily automation.

Resultados:

- **Project in production**, running continuously for automatic sports event analysis and alert generation.
- Tool used for **personal experimentation** and enhancement of skills in **API integration, automation, and notifications**.

EDUCATION

State Technical School (Escola Técnica Estadual), Praia Grande, SP

2022

Technical Degree in Information Technology

Faculty of Technology of the State of São Paulo (FATEC), Praia Grande, SP

2015

Bachelor of Technology in Foreign Trade

TECHNICAL SKILLS

Python, FastAPI, Django, Django REST Framework, SQL, PostgreSQL, SQLAlchemy, Alembic, Pandas, REST APIs, HTML, CSS, JavaScript, Jinja2, Bootstrap, Chart.js, DataTables.js, Git, GitHub, VS Code, Docker (basic)

CERTIFICATIONS

- **Google Data Analytics Certificate** – Coursera (2024)
- **Alura – Complete Program:**
 - Object-Oriented Python
 - Web Development with Django

- REST APIs with Django REST Framework
- Git, Pandas, SQL, Data Science

LANGUAGES

English: Intermediate – technical reading, listening, and basic conversation

Portuguese: Native