Rafael Torres Nóbrega Gomes

Email: rafaeltorresng@gmail.com | **Github:** rafaeltorresng | **Linkedin:** in/rafaeltng

Phone: +55 81 98251-2792

EXPERIENCE

AI Engineering Intern @ MGI Tech (in partnership with the labs LASER and LAGID/UFPB)   04/2025 - present
Deploying AI models into production. Contributions to system architecture, data engineering, and ML deployment.

Volunteer Researcher @ TRIL Lab   12/2024 - 04/2025
AI research support: data preparation, exploratory analysis, and development of multi-agent systems for sales automation (CrewAI).

Treinee @ Trilha   08/2024 - 12/2024
Developed skills in AI and programming logic. Gained experience with software development tools, best practices, and ML pipelines.

EXTRACURRICULAR ACTIVITIES

Blonded AI (Personal Project)
Music recommendation system using Spotify audio embeddings and PCA. Built feature extraction and similarity pipeline.

TARG: Time-series Analysis & Report Generator (Hackathon project during the TRILHA Program)
Website predicting BBAS3 stock prices (5 days ahead) using LSTM, web scraping, and news sentiment analysis.

LAGID/UFPB GPT API Workshop
Conducted a Workshop on GPT API usage: authentication, endpoints, prompting, and chatbot deployment for data insights.

Brazilian Championship Simulator (OOP Project)
Java + Spring Boot web app simulating a football championship with a realistic match engine, live stats, and an interactive UI, built using MVC architecture and design patterns.

EDUCATION

Computer Science @ UFPB (Federal University of Paraíba)   06/2024 - 12/2028 (expected)

CERTIFICATE

Cambridge Certificate in Advanced English   12/2022
(CAE), CEFR B2 level, Grade B Student at the Level B2 (Upper-intermediate proficiency in English) Overall Cambridge English Scale score: 175 (198 for speaking)

SKILLS

Languages: Portuguese, English, Spanish.

Tools: Python, C, Java, R, JavaScript, PyTorch, TensorFlow, Git.

Interests: Machine Learning, Data Science, LLMs, Software Engineering, Mobile Development.

ML Techniques: Neural Networks, NLP, Embeddings, Time Series Forecasting, Model Deployment.