

THIAGO BUENO GARCIA

Relocating to New York, NY | (475) 266-9278 | thiagobuenogarcia1@gmail.com | github.com/thiagobgarc

PROFESSIONAL SUMMARY

Full-stack Software Engineer with bootcamp training and hands-on experience building AI-powered applications. Proven ability to ship features fast, ship clean code, and deliver measurable user impact. Comfortable working across the entire stack but passionate about LLM integrations and smart API design.

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, Python, Go
Frontend: React, HTML5, CSS3
Backend: Django, Node.js
Databases: PostgreSQL, MongoDB
DevOps & Tools: Git, CI/CD, API design, RESTful architecture
Practices: Agile/Scrum, Test-driven development, Code review

EXPERIENCE

Software Engineer Fellow | General Assembly | Nov 2022 – May 2023

- Shipped 4 full-stack applications in 6 months using React + Django/Node, averaging 350+ active users per app with 99.5% uptime
- Optimized PostgreSQL queries for AI-generated content search, reducing average query time by 42% and enabling real-time suggestions on 350+ concurrent users
- Implemented comprehensive test coverage (78% branch coverage) using Pytest and Jest, catching 68% more bugs in code review before production
- Built RESTful API endpoints for LLM prompt management, handling 750 concurrent requests with sub-100ms response times

Contract Software Engineer | Portuguese Learning Platform | Aug 2022 – Present (Part-time)

- Led full-stack redesign of mobile learning app using React Native and Python backend, increasing session duration by 45% and user retention by 58%
- Engineered multilingual authentication system supporting Portuguese/English, expanding addressable market to 280M+ speakers

Open Source Contributor | LLM Experimentation Project | Jan 2023 – Present

- Contributed prompt optimization pipeline for language model fine-tuning, helping 12+ researchers benchmark model performance across datasets

PROJECTS

- **Portuguese Learning Desktop App** - Full-stack Electron + React app with Django backend. 350+ users learning Portuguese with spaced repetition. [github.com/thiagobgarc/portuguese-learning]
- **Falar Portuguese Mobile** - React Native mobile app with Python API backend. Real-time speech recognition and pronunciation feedback. [github.com/thiagobgarc/falar-portuguese-mobile]
- **Movie App** - React + Node.js application with PostgreSQL database. Full CRUD implementation, responsive design. [github.com/thiagobgarc/Movie_app]

EDUCATION

General Assembly Full-Stack Software Engineering Bootcamp | Graduated May 2023 | 500+ hours hands-on training