

João Gabriel Pereira Alves

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Experience

Achar.ai

Founder & Software Engineer.

Feb 2024 – Dec 2025

- Designed and developed a price search and comparison platform with AI via natural language chat (**Next.js, React, TypeScript, OpenAI/Vercel AI SDK, PostgreSQL, React Query, Cheerio, TailwindCSS**).
- Scaled the platform to over **700K** users, with no paid media investment, and generated over **\$350k+** in GMV for partners
- Designed and implemented a large-scale **web scraping infrastructure** with rotating multi-vendor proxy pools, bot-detection evasion strategies, and distributed search result caching to reduce API costs and latency across **30+ retailers and marketplaces**.
- Built and maintained the full product stack, including **front-end architecture, API routes, database schema, and AI integrations**, while also managing infrastructure, analytics, and growth experimentation.

Academia do Programador – Lages, SC.

Full-stack Developer - *Trainee*.

Mar 2025 – Dec 2025

- Intensive training with **900+** hours in Full-stack Development focused on C#/.NET and Angular, guided by practical projects.
- Back-end (.NET)**: Developed REST APIs and MVC applications using **C#, ASP.NET Core, and Entity Framework Core**, with relational databases such as **PostgreSQL and SQL Server**. Applied **Clean Architecture, SOLID principles, DDD, CQRS**, and containerization with **Docker**.
- Front-end (Angular)**: Built applications using Angular (v20+), TypeScript, and RxJS, integrating with REST APIs and implementing responsive interfaces with **HTML5 and CSS3/SCSS**.

Freelance Designer – Remote

2020 – 2023

Projects

Multiplayer Typing Game – [GitHub](#)

- Real-time multiplayer game with a custom WebSocket server, in-memory matchmaking, and an authoritative timer for cheat prevention (**Next.js, TypeScript, Socket.io, Node.js**).

Virtual Try-On with AI – [Website](#)

- Virtual try-on tool using generative AI to overlay clothing on user photos, with automatic scraping via URL and an image generation pipeline (**Next.js, TypeScript, PostgreSQL, Clerk**).

Volunteering

Ordem DeMolay – Projeto Mercado Solidário

- Participated in a food drive campaign, contributing to the collection of over 2 tons of non-perishable food items donated to philanthropic institutions in the city.

Education

Bachelor's in Computer Science.

Unifacvest

Expected Graduation: Dec 2026

- Relevant courses: Data Structures & Algorithms, OOP Java, Web Development, Artificial Intelligence.*

Bachelor's in Control and Automation Engineering.

UFSC - Dropped out

2022

Programming: JavaScript, TypeScript, React, Node, React Native, Python, C#, C, PHP, SQL, PostgreSQL, MySQL,

Other Technologies: React, Next.js, Angular, React Native, Node.js, ASP.NET Core, Entity Framework Core, PostgreSQL, MySQL, APIs REST, WebSockets, Clean Architecture, MVC, Docker, Git, Postman, TailwindCSS, Bootstrap, Web Scraping, Figma.

AI & Data: Vercel AI SDK, Generative AI, LLM Integration, image similarity search using embeddings, OpenAI API