

# Gabriel Petti Tavares

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## SKILLS

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- **Technologies:** HTML, CSS, TypeScript, C++, Python, AWS, MongoDB, PostgreSQL, Nest, Node, NPM, Docker, React, Redux, JQuery, Tailwind, Git.
- **General:** Front End, Back End, Full Stack, Open Finance, REST APIs, Cloud, Self learning, Adaptabilidade, Problem solving, Emotional Intelligence, Team playing, English (fluent), Portuguese (native).

## EDUCATION

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### Universidade Federal do ABC

Set 2022 — Set 2027

*Double bachelor in Science & Technology and Computer Science*

*Santo André, SP*

- **GPA: 3.2/4.** Relevant coursework: Calculus I, II e III, Computers Network, Systems, Artificial Intelligence, Compilers, Object Oriented Programming, Software Engineering, Programação estruturada, Linear Algebra, Circuits and Digital.

## WORK EXPERIENCE

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### Software Engineering Intern

Aug 2024 — Mar 2026

Limoney | Fintech startup specializing in AI-driven financial management

*São Paulo, SP*

- Worked at [Limoney](#). Developed and maintained robust APIs for financial data analysis, specializing in Open Finance integrations. Built the core Credit Card API from scratch, serving as a critical component for the company's MVP rollout. Developed endpoints for processing and handling of brazilian bankslips using external integrations.
- Utilized **TypeScript** and **NestJS** for backend development, integrated with PostgreSQL for reliable data persistence.
- Architected and deployed scalable cloud systems using **AWS (Lambda, S3, MSK, SQS, SNS)**. Developed the majority of the cloud infrastructure handling Open Finance data using **JavaScript** and **Python**.
- Leveraged AI tools for data augmentation to enhance the quality and depth of user financial information within the cloud pipeline.
- Built interactive user interfaces featuring complex form handling and document visualization. Managed asynchronous API states and resolved critical production bugs using **React**, **Redux**, and **TanStack Query**.

## PROJECTS

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### Conexus

Jul 2023 — Out 2023

- Engineered a social platform using the MERN stack (**MongoDB**, **Express**, **React**, **Node.js**). Developed a responsive frontend featuring interactive feeds, multi-tagging, and an autocomplete search engine, while optimizing a **RESTful API** to manage asynchronous data operations and content delivery. [Link to the project](#).

### IMDb analysis

Sep 2023 — Dec 2023

- Led a collaborative research project with three peers to analyze cinematic relationships through Graph Theory. Engineered a data pipeline using Python (**Polars**) for high-performance cleaning, **NetworkX** for graph construction and complete network visualization via **Gephi**. [Link to the paper](#).

### CVision

Sep 2025 — Dec 2025

- Architected an automated HR consultant tool using **LangChain** (LCEL) to perform Gap Analysis between resumes and job descriptions. Engineered a two-step NLP pipeline for skill extraction and tactical reporting, built on a full-stack architecture of **React**. [Link to the project](#).

## Minor projects and Certifications

- **Olympiad Awarded:** Awarded Bronze Medals in both the Canguru de Matemática and the Brazilian Astronomy and Astrophysics Olympiad (OBA).
- **The Odin Project:** Completed a comprehensive, English-immersion curriculum focused on full-stack fundamentals. Mastery of modern **CSS**, **JavaScript**, and **Git** workflows. (11/2022)
- **EF SET English Test:** Achieved a score of 77/100, officially certifying a **C2** level of English proficiency (the highest level on the CEFR scale). [Link to the certificate](#) (05/2024).
- **Discord Bot:** Developed a Python-based bot integrated with an automated **CI/CD** pipeline deployed on AWS **EC2**. (03/2025)