

Gabriel Fernandes de Carvalho

Back-End Developer · .NET | Node.js | Python | Laravel

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Professional Summary

Back-end developer with 5 years' experience construing robust APIs and data-driven services in **.NET Core/C#, Node.js/Express**, and **Laravel/PHP**. Strong command of relational databases (SQL Server, PostgreSQL, MySQL) and containerized deployments with Docker. Certified in **Scrum (PSM-I)**; accustomed to Agile squads delivering secure, scalable solutions for education, defense, and health-tech. Passionate about clean architecture, automated tests, and continuous learning.

Core Skills

Back-End	Databases	Dev Tools	Languages / Frameworks
.NET 6 / C#, Node.js (NestJS/Express), Laravel 11, Python	SQL Server, PostgreSQL, MySQL	Docker, Git, Swagger, Insomnia, CI/CD (GitHub Actions)	PHP 8, Java (Spring basics), TypeScript

Professional Experience

UniEVANGÉLICA – AVA (Learning Environment) · *Back-End Intern*

Oct 2024 – Present · Anápolis–GO

- Maintain and extend PHP/Laravel services that power the university's e-learning platform (5 k+ daily users).
- Refactored legacy queries → 28 % faster page loads.
- Wrote PHPUnit suites raising code-coverage from 30 % → 65 %.

Fábrica de Tecnologias Turing (UniEVANGÉLICA) · Software Developer – Mid

Sep 2023 – Present · Anápolis–GO

- Lead back-end for microservice ecosystem (.NET Core, NestJS) supporting 12 active campus projects.
- **Cannasys**: Node/NestJS platform managing EMR, production & dispensing for medicinal-cannabis NGO.
- **EcoAlertas**: Real-time environmental monitoring (IoT + PostgreSQL) with automated risk alerts.

Brazilian Air Force – BAAN · Software Developer

Jan 2024 – Dec 2024 · Anápolis–GO

- Built **Access Control System** (.NET Core 6 + MySQL) controlling entry/exit of personnel & vehicles; reduced manual logs by 90 %.
- Collaborated with security ops to harden authentication and audit trails.

Leomed Drogarias · Purchasing Assistant

Jan 2023 – Aug 2023 — automated Excel purchasing reports with Python, saving 4 h/week.

Tecpress Tecnologia · Senior Technical Support

Jan 2019 – Dec 2022 — kept 120+ client systems online; scripted C# utilities that cut ticket resolution time by 25 %.

Education

B.Sc. in Software Engineering — UniEVANGÉLICA

Aug 2023 – Aug 2027 (expected)

Certifications & Courses

- **Scrum Master (PSM-I)** – Scrum.org, 2024
- **Laravel 11 – Complete** (Udemy, 2025)
- **C# Fundamentals** (Microsoft Learn, 2023)
- Remote-Work Professional Certificate (Coursera, 2022)

Selected Projects

Project	Stack	Highlights
Cannasys – medicinal-cannabis platform	Node.js (NestJS), MySQL, Docker	EMR, production, dispensing, finance & HR modules
EcoAlertas – environmental IoT	NestJS, PostgreSQL, Docker, Leaflet	Real-time ingestion, rule-based alerts, dashboards
Build-Your-PC (live demo)	React + TypeScript, SQLite	Compatibility checks & price calc — deployed on Railway
Pasteur API – inventory	Node.js + Express, TS, PostgreSQL	Swagger-documented REST API, containerized

Let's build reliable, scalable back-ends together.