

VITOR CARVALHO DE MEDEIROS

Aspiring Full-Stack Developer

Next.js · React · TypeScript · PostgreSQL



CONTACT

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SKILLS

Web

JavaScript, TypeScript, HTML, CSS,
React.js, Next.js, Tailwind CSS

Backend & Data

Python, PowerShell, REST APIs,
PostgreSQL, Prisma ORM, Better
Auth, Zod, JSON

Tools

Git, GitHub, Vercel, Neon, winget

LANGUAGES

Portuguese	■■■■■
English	■■■■■
German	■■■■■
Italian	■■■■■

CERTIFICATIONS

- Alura, 2026
- Git & GitHub: Sharing and Collaborating on Projects
 - Computational Thinking: Foundations of Computing and Programming Logic
 - Programming Logic: Functions and Lists
 - Programming Logic: Fundamentals
 - Getting Started in Programming: Career and First Steps
 - HTML and CSS
 - Internet
 - Understanding the Future Full-Stack Developer Career
 - Beginner in Programming
 - Programming Logic

PROFILE

Software Engineering student focused on backend systems, APIs, and practical tooling. I design and ship complete projects, including a multi-tenant inventory system running in production at a gelateria in Germany and a Windows optimization toolkit shipped at v1.1.0. Working with Next.js, React, TypeScript, and PostgreSQL while deepening Python, SQL, and REST APIs. Seeking a Werkstudent, internship, or entry-level developer role where I can keep learning alongside experienced engineers.

EXPERIENCE

Customer Service Associate

CremaGelato · Ottobrunn, Germany · Part-time · March 2025 to Present

- Handle daily customer service and operational routines at a gelateria in Germany, including inventory control, product restocking, and supplier ordering.
- Identified the limits of manual, paper-based stock tracking and used that insight to design, build, and deploy Gelato Stock, now running in production.
- Developed German communication skills and adapted to a new country and work culture while gaining operational insight later applied to software solutions.

PROJECTS

Gelato Stock: Multi-Tenant Inventory Management System

Personal project · August 2026 to Present · github.com/nem0w

- Built a production inventory system for ice cream shops with role-based access for owner, manager, and operator.
- Implemented stock movement tracking, automatic low-stock alerts, auto-generated shopping lists, delivery invoice photo uploads, and an auditable history log.
- Deployed on Vercel with PostgreSQL on Neon, using Prisma ORM for migrations and Better Auth for authentication.
- Stack: Next.js, React, TypeScript, Tailwind CSS, PostgreSQL, Prisma ORM, Better Auth, Zod, Vercel, Git.

GameBoost: Windows Optimization Toolkit

Personal project · August 2026 · Shipped v1.1.0 · github.com/nem0w

- Built a diagnose-first PowerShell toolkit that samples real CPU, disk, GPU, and startup load before changing anything.
- Designed a safety-first model: every change writes a JSON recovery snapshot and a System Restore point first, and Game Mode is fully reversible by PID.
- Integrated the Windows Update Agent COM API and winget for update checks, plus dry-run previews and bilingual documentation.
- Stack: PowerShell, Windows Update Agent COM API, winget, JSON, Git.

Personal Portfolio: vitorcarvalho.dev

Personal project · August 2026 to Present

- Designed and built a personal website from scratch in HTML, CSS, and JavaScript, with project case studies, custom animations, and responsive layout.

GameTracker: Python CLI Application

Personal project · July 2026 to Present · github.com/nem0w

- Built a command-line application to add, organize, and manage a games library with persistent JSON storage, practicing core Python fundamentals and Git workflow.

EDUCATION

B.Eng. in Computer Software Engineering

IU Internationale Hochschule · Germany · August 2026 to August 2029 (expected)