

Gabriel Carvalho

📍 Belo Horizonte, Brasil ✉ cttbiel@gmail.com ☎ +55 (031) 9 8976-5778 🌐 myportfolio.com in CttBiel
🔗 cttbiel

Summary

Computer Engineering student passionate about building scalable and efficient systems. Solid experience in C for systems programming and hands-on projects with React, Node.js, and Java. Skilled in algorithms, data structures, and problem-solving, with a strong desire to grow in backend and distributed systems. Currently developing personal projects in Python and studying software engineering fundamentals. Eager to contribute to real-world, high-impact applications at a global scale.

Education

Federal Center for Technological Education of Minas Gerais (CEFET)

B.S. in Computer Engineering

Belo Horizonte, Brasil

October 2024 – December 2028

Strengthening software development skills through Object-Oriented Programming, Digital Systems, Data Structures, and Software Engineering. Additional studies in English and French to support effective communication in global tech environments.

SESI Minas - SENAI Nansen Araújo

Diploma in Game Development

Belo Horizonte, Brasil

August 2022 – November 2023

Learned game programming in Unreal Engine using BluePrint. Developed two major projects: "A Tail Tale" and "NinjaCat", showcased at GameExperience BH.

Experience

Business Development Internship

Zero to One Search

Munich, Germany

July 2024 – December 2024

- Led market research and analysis, identifying business expansion opportunities in the Tech and AI sectors.
- Developed strategies to acquire and retain clients, working with international partners.
- Assisted in client prospecting and engagement, preparing business reports and presentations to optimize decision-making.
- Communicated effectively in English with global stakeholders, drove business expansion efforts through strategic market analysis and global client engagement.

Representative Tech Sales

Junior Móveis

Belo Horizonte, Brasil

October 2020 – December 2021

- Provided technical sales support, customer service, and pricing strategy consulting.
- Developed and implemented tactical plans to acquire and retain customers.
- Successfully increased sales revenue by 10% over one year in a highly competitive market.

Projects

Hospital Management System

[Project Link](#) 

- Developed a full C-based management system with CRUD operations, dynamic memory allocation, and file handling. Emphasized efficiency and low-level data structures to simulate real-world hospital operations.
- Features include patient record management, doctor scheduling, and optimized data storage.
- Tools Used: C, Dynamic Memory Allocation, File Handling.

Music Streaming Platform

[Project Link](#) 

- Built a web-based music streaming application with pre-set playlists and seamless audio playback.
- Designed the frontend using React and implemented the backend with Node.js for efficient data processing.

- Tools Used: React, Node.js, JavaScript, HTML, CSS.

Courses and Certifications

- Entrepreneurship, Agility, and Career Ownership – Alura (ONE Program)
- Personal Development Training – Alura (ONE Program)
- Beginner Programming Training – Alura (ONE Program)
- Java: Creating Your First Application – Alura (ONE Program)
- Agile Management: Exploring Agility Concepts – Alura (ONE Program)
- Career Development: Understanding Market Demands – Alura (ONE Program)

Skills

Programming Languages: C, Java, Python, JavaScript

Frameworks & Tools: React, Node.js, Django, Git, HTML/CSS

Concepts: Data Structures, Algorithms, OOP, REST APIs

Soft Skills: Teamwork, Communication, Problem Solving, Adaptability

Languages

Portuguese: Native proficiency.

English: Fluent (C2). Proficient in technical and professional communication.

French: Basic (A2). Studying the language for professional development and international opportunities.

Japanese: Basic (A1). Learning the language with a strong interest in its cultural and linguistic aspects.