

# LUCAS GUERRA

[guerradev.com](http://guerradev.com)  
[github.com/lumguerra](https://github.com/lumguerra)

With a background in front-end development, I am expanding my expertise through a Bachelor's degree in Information Systems. In addition to my initial experience, I have developed several projects, including a VST Audio Equalizer Software and a QA application based on Vector Search. These projects demonstrate my technical versatility and my ability to deliver effective solutions. For more details about my projects, visit [guerradev.com](http://guerradev.com).

## EDUCATION

- Bachelor's Degree in Information Systems**  
Start: February/2023 - Completion: November/2026  
São Paulo/SP - Brazil  
Nove de Julho University
- Certified in C++ Nanodegree Program**  
Start: July/2024 - Completion: October/2024  
Udacity
- Diploma in Audio in Midea**  
2011 Winnipeg/MB - Canada  
Mid Ocean School of Media Arts
- Certified in Computer Assembly and Maintenance**  
2006 Belo Horizonte/MG - Brazil  
S.O.S Computadores

## LANGUAGES

- Portuguese (Native)
- English (Fluent)

## TECHNOLOGIES

C++, Java, Python, JS/TY, HTML, CSS, SQL, MySQL, MongoDB, JUCE Framework, Angular Framework, RESTful API, Git, GitHub, Postman, Linux Ubuntu, Windows, MacOS, Adobe Figma, Docker, Node.js, Eclipse, VS Code, Visual Studio 2022

## CONTACT

+55 (11) 99942-3291  
[lucasmazoniguerra@gmail.com](mailto:lucasmazoniguerra@gmail.com)

## EXPERIENCE

### DEVELOPER

*DevBus.io, Remote | June/2023 - October/2023*

- Construction of responsive web applications
- Utilization of HTML, CSS, JS/TS with the Angular framework
- Management of communication through API calls via HTTP
- Ensuring the visual integrity of pages according to the design presented in Adobe Figma
- Conducting API tests using Postman
- Submitting code to a development branch on GitHub for feedback from the Technical Lead
- Utilization of NPM, Node.js, Docker Compose, and MongoDB tools

### SUPERVISOR

*Eddie Rocket's Restaurant, Dublin/Ireland | 2022*

- Supervision of daily restaurant operations
- Preparation of financial reports and records
- Leadership, problem-solving abilities, and capacity to work under pressure

### AUDIO ENGINEER

*Estúdio Guerra, Belo Horizonte/Brazil | 2012-2022*

- Development and management of a music production studio
- Production, editing, mixing, and mastering of audio

### EDITOR

*Pacific Studio, Belo Horizonte/Brazil | 2009-2011*

- Audio editing using Pro Tools software
- Assistance with studio operations

### CUSTOMER SERVICE AGENT

*AeC, Belo Horizonte/Brazil | 2008*

- Customer service
- Problem resolution, information provision, and technical support via phone

## PORTFOLIO

### VECTOR SEARCH QA APP

*Python | MongoDB | OpenAI API*

By leveraging MongoDB Atlas for vector storage, Langchain for connecting a language model to contextual sources, the OpenAI API for advanced language processing, and Gradio for user-friendly web interface interaction, this application stands out in its ability to provide precise, context-aware answers to user queries on uploaded documents.

### AUDIO EQ VST3 PLUGIN

*C++ | JUCE Framework*

VST\_EQ\_Plugin is an audio equalizer VST3 plugin designed for use within a Digital Audio Workstations (DAW). Utilizing the JUCE framework, and developed using modern C++ techniques, this plugin provides equalization features (Low-cut and High-cut filters and a peak-frequency selector with Q adjustment) allowing users to adjust audio frequencies for better sound quality in their projects.

### RESTAURANT MENU PAGE

*Html | CSS | TypeScript | ANGULAR 17*

Comanda is a restaurant menu app showcasing a responsive design, ensuring seamless usability across various devices. This app exhibits a clean and modern user interface, crafted using HTML, CSS, JavaScript and TypeScript, enhanced by the robust Angular framework.

*\*All projects are available at [guerradev.com](http://guerradev.com)*