

Karen Caroline Honorio Banci

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Software Developer | Full Stack Developer

Work Experience

- **Full Stack Developer**, [Vive Church](#) - Contractor Jan 2025 - Present
 - Developed pages based on ready-made designs, ensuring visual fidelity and responsiveness;
 - Updated and managed data through the CRM, ensuring accuracy and efficiency;
 - Identified and fixed bugs, optimizing performance and user experience.
- **Full Stack Developer**, [Frontier Digital](#) - Contractor Oct 2022 - Mar 2025
 - Developed Three.js 3D viewer for enhanced model interaction on the website;
 - Conducted audits to enhance performance, functionality, security, and resolve issues;
 - Optimized codebase with client approval, enhancing efficiency and project scalability;
 - Maintained JavaScript code and managed Netlify projects for uninterrupted operation.
- **Front End Developer**, [Oppia Foundation](#) - Volunteer Jul 2022 - Jan 2023
 - Wrote open-source code based on technical requirements;
 - Identified code improvement opportunities for enhanced performance and efficiency;
 - Created report to summarize findings to Front End Seniors;
 - Improved user experiences.
- **Chemistry**, CPA Colors and Product of Aluminum Sep 2016 - Sep 2021
 - Developed anodizing chemicals and dyes for dyeing aluminum;
 - Conducted quality control following ISO 9001 standards;
 - Managed laboratory chemical purchases and controlled inventory efficiently;
 - Drafted FISPQ and MSDS safety documents;
 - Developed chemical handling safety training programs;
 - Pioneer advancements in chemical engineering processes and production methodologies;
 - Analyzed titration methods for sulfuric acid, caustic soda, and nickel products;
 - Dye quantification via spectrophotometry for precise measurements;
 - Documented and recorded information with precision and accuracy;
 - Optimized spectrophotometer processes for advanced dye analysis development;
 - Effluent treatment process optimization for enhanced environmental sustainability;
 - Customer support with a focus on satisfaction and resolution;

Projects

- **Software Design in Python - Foothill College ([Neural Network](#)):**

This is a project is focused on the design of an AI application that can predict and make decisions autonomously. Technology used: Python.

- **Final Project Advanced Data Structure Algorithm in Python ([Double Linked List](#)):**

Video for Advanced Data Structures and Algorithms, where I discuss the advantages and disadvantages of doubly linked lists.

- **Eleva Web Site on Wix** ([Eleva](#)):

Redesigned a dynamic website for a client using Wix, enhancing visual appeal and performance. Integrated custom animations, advanced interactions, responsive layouts, SEO, domain implementation, payment method, and CRM integration. Technologies used: Wix.

- **Fourth Place in Hackathon at Hacker Dojo** ([EcoScan](#)):

Developed the front-end for a group project app that scans product barcodes to reveal environmental impact. Technology used: Figma, Javascript, HTML, and CSS.

- **Three JS Projects** ([Three JS](#))

Showcasing advanced graphical capabilities and user engagement. Technologies used: JavaScript, ThreeJS, Vite, NodeJs, and Blender.

- **Digital Resume** ([Jairo's Portfolio](#))

Led a team to build and optimize a digital resume. Technologies used: AMP, Jekyll, Javascript, SASS, Figma.

Education

- **Computer Science, AS**, Foothill College - Los Altos - USA Sep 2022 - Sep 2026
- **Full Stack Web Development**, Bootcamp Le Wagon - Brazil Oct 2021 - Dec 2021
- **Bachelor's Degree in Chemistry**, Faculdade São Bernardo - Brazil Jan 2013 - Dec 2016

Skills

Programming Languages: Python (expert), JavaScript (expert), Ruby on Rails (intermediate).

Tools: React.Js, ThreeJS, Node.JS, Vite, Blender, Figma, Contentful, GitHub, Gatsby, Heroku, Netlify, AWS, Bootstrap, Sass, Wix, Webflow.

Database: MySQL(expert), MongoDB, Firebase, GraphQL.

Cloud Computing: AWS.

Practices & Concepts: SEO.