

# Josué Juré

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[LinkedIn](#) | [GitHub](#) | [Portfolio](#)

## Professional Summary

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I am a self-taught software engineer with a hospitality and charity work background, eager to learn and develop my skills further. In November 2024, I began **volunteering as a software engineer at CAFOD**, an aid agency based in England and Wales that addresses poverty and injustice worldwide. Last summer, I **developed a full-stack ChatGPT AI generator application**. Earlier in 2024, I **completed a coding bootcamp** with Founders and Coders. I also volunteer as a **software engineer coach at Codebar**, a charity supporting aspiring developers.

## Professional Experience

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### Software Engineer (volunteering)

November 2024 - Present

CAFOD

- Assist in integrating OpenAI's Embedding Model to improve website application word search

### Software Engineer (volunteering)

February 2024 - Present

Codebar

- I coach and mentor aspiring developers at Codebar, a charity that promotes diversity and growth in the tech community.
- The work is rewarding as I help people from various backgrounds and skill levels understand programming basics, debug code and build from simple to complex projects.
- My journey at Codebar is a profoundly collaborative one. I've shared my knowledge and learned from fellow developers, fostering community and shared learning.
- This experience has honed my communication skills, enabling me to deliver clear, concise, and effective teaching.
- I also assist in organising regular workshops for Codebar, which has helped me improve my organisational skills.

## Key Skills

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|--------------------------------------|--|
| • JavaScript, TypeScript, and Python | • Express                                  |
| • React                              | • OpenAI API Integration                   |
| • HTML/CSS                           | • Vercel                                   |
| • GitHub                             | • Communication: coach aspiring developers |
| • SQL                                | • Multilingual: English, French, Spanish,  |
| • Node.js                            | Portuguese and Japanese                    |

## Projects

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- [AI recipe generator](#): The app uses OpenAI APIs to generate a recipe based on user preferences. This allows the returned recipe to display information (text) alongside a visual component (AI-generated image). I used the OpenAI documentation to find a solution to loading time issues. It allows the recipe text to display in real-time while the image continues to load, resulting in a smoother user experience by cutting down on wait time.

- [Calculator](#): A project that uses JavaScript, HTML5, CSS, and local storage. With the knowledge and skills I gained while building this project, I can now create fully responsive applications using CSS grid. I also had to do a lot of debugging.
- [Agency-website](#): My first project with Founders and Coders focused on web design and responsiveness. Since then, I have learned how to connect a backend Express server to an SQL database, so I recently added a backend database that allows data to be saved.
- [Shopping Cart](#): Written in React, TypeScript, and Bootstrap, this project stores shopping cart items in a **Supabase database table. It is still a work in progress.**

## Education

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### [Founders and Coders](#)

Oct 2023 - Jan 2024

- 12-week full stack web development bootcamp

### Birkbeck University of London

- Certificate of Higher Education in Mathematical Studies
- Calculus 1 and Calculus 2

## Professional Certificates and Qualifications

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Codecademy: Learn Python 3 - 59% complete

Jan 2025 - Present

### Udemy

Jan 2022 - Dec 2023

[JavaScript Developer Bootcamp - Beginner to Expert](#)