

Guadalupe Cruz

Escondido, CA 92026 | 442-230-8031 | guacruz.16@gmail.com |

[Website](#) | [Linkedin](#) | [Github](#)

Skills

- **Languages:** Java, C++, HTML, CSS, JavaScript, Python, F#, PHP, SQL
 - **Frameworks and Libraries:** Flask, React, BeautifulSoup4, Langchain, PyQt, Wordpress Rest API
 - **Tools and Platforms:** Visual Studio Code, GitHub, WordPress, AWS, Trello, Raspberry Pi
-

Experience

The ZETTLER Group, Software Engineer

June 2024-Present

- Developed a graphical user interface (GUI) using PyQt on a Raspberry Pi to showcase company products, integrating hardware aspects to simulate an EV charging station.
- Modernized the company's website by integrating the existing WordPress content management system into a React web application via the WordPress REST API, reducing dependency on WordPress and improving performance.

S3 Coffee Bar, WordPress Redesign

2024

- Conducted a comprehensive redesign of the S3 Coffee Bar's WordPress site, enhancing user experience and visual appeal.
- Implemented responsive design and integrated advanced SEO strategies, resulting in a 25% increase in online traffic.

SigParser, AI Innovations

2023 - 2024

- Developed and implemented a cost-effective chatbot solution, reducing expenses from \$30,000 per month to just pennies.
- Built a full-stack application with Flask, facilitating seamless communication between the React front end and Python backend logic.

Treobytes, Lead Enrichment Coach

2023 - 2024

- Led a team of coaches, fostering a collaborative environment and ensuring effective delivery of hands-on, engaging STEM lessons.
 - Designed and taught an Arduino course, emphasizing programming fundamentals of C++ to introduce students to real-world coding applications.
-

Projects

Portfolio Website with Analytics

2024

- Launched a portfolio website on AWS EC2 using CloudFormation, with visitor tracking powered by AWS Lambda and interaction data logged into S3 for insights on user engagement.
-

Education

California State University San Marcos — Graduation Date: December 2024

2021 - Present

- **GPA:** 3.73
- **Major:** Software Engineering