Guadalupe Cruz

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[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

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Experience

The ZETTLER Group, Software Engineer   **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 — Senior   **2021 - Present**
- **GPA:** 3.73
- **Major:** Software Engineering