

# ALVARO TORRES

## SOFTWARE ENGINEER

Weslaco, TX – Open to Relocation | [alvaro@alvarotorres.dev](mailto:alvaro@alvarotorres.dev) | [alvarotorres.dev](https://alvarotorres.dev) | [linkedin.com/in/alvarotorrestx](https://linkedin.com/in/alvarotorrestx) | [github.com/alvarotorrestx](https://github.com/alvarotorrestx)

## SUMMARY

Software Engineer with **startup** experience in **full-stack development** and **leading scalable, user-centric** technology. Proficient in **JavaScript, TypeScript, Java, C++, PHP**, and more; seeking full-time/internship roles.

## EDUCATION

<b>Associate of Science in Computer Science (A.S.)</b> , Full Sail University, Valedictorian	June 2025
<b>Bachelor of Science in Computer Science – Artificial Intelligence (B.S.)</b> , Full Sail University	July 2026

## SKILLS

**Programming:** C++, Java, JavaScript, TypeScript, PHP, HTML/CSS

**Libraries & Frameworks:** React, Next.js, Vite, Vue.js, Tailwind CSS, Express.js, Node.js

**Tools & Services:** Git, GitHub, RESTful APIs, CI/CD, Postman, Firebase, Firestore, MongoDB, Mongoose, Docker, SQL, MySQL, Google ML Kit, Weaviate

## EXPERIENCE

<b>Web Developer</b> ( <a href="https://alvarotorres.dev/projects/simulint_innovations">alvarotorres.dev/projects/simulint_innovations</a> )	Remote
<i>Simulint Innovations</i>	June 2021 – Present

- Delivering custom front-end solutions using **React, Next.js, TypeScript**, and **JavaScript**, with website builds in **Wix, Shopify, WordPress, Webflow**, and **Squarespace**, optimizing performance by **15–30%**, enhancing **customer experience**, and driving growth across 7+ client projects.
- Building dynamic **UI** components and integrating third-party **APIs** to support features like lead forms, service booking, and user authentication, diminishing manual client input and improving conversion rates by **20%**.
- Automating **SEO, responsive design**, and **lead capture workflows** using platform-native tools and Git-based deployment pipelines; applying **CI/CD** practices to streamline updates and reduce development cycle time by **30%**.

<b>Director of Marketing &amp; IT</b> ( <a href="https://alvarotorres.dev/projects/hacienda_mobile_home_sales">alvarotorres.dev/projects/hacienda_mobile_home_sales</a> )	San Benito, TX
<i>Hacienda Mobile Home Sales</i>	July 2021 – January 2024

- Led daily **Agile full-stack development sprints** with a hybrid team of 5+ marketers and developers to align campaign features, website improvements, and inventory system updates.
- Redesigned** and **migrated** the company website from a legacy **PHP/MySQL** stack to **Wix** using **JavaScript** and **Velo**, improving performance, **UX** for non-technical staff, and decreasing update latency by **60%**.
- Developed an **automated inventory pipeline** using Excel **VBA** to automate mobile home data retrieval and convert it to **JSON** for live site updates, eliminating manual entry errors and enhancing data accuracy.

## PROJECTS

<b>DevConnect</b> ( <a href="https://alvarotorres.dev/projects/devconnect">alvarotorres.dev/projects/devconnect</a> )	March 2025 – Present
---	----------------------

- Engineered backend infrastructure using **Express.js, MongoDB, Mongoose**, and **RESTful APIs** within an **MVC architecture**, with testing and debugging using **Postman** to ensure **API** reliability and modular service design.
- Leading development of a **MERN full-stack application**, implementing **role-based access control, JWT authentication**, and scalable architecture for contributors.
- Built **UI** components using **React** for responsiveness and reusability, leveraging **Tailwind CSS** and **DaisyUI** to optimize **user experience** and **accessibility**.
- Coordinating Agile sprints with 11+ open-source contributors through **GitHub** and **Discord**, driving project growth (8+ GitHub stars) via **code reviews, documentation**, and iterative community feedback.

<b>Heroic Organizer</b> ( <a href="https://alvarotorres.dev/projects/heroic_organizer">alvarotorres.dev/projects/heroic_organizer</a> )	April 2025 – June 2025
---	------------------------

- Led **full-stack development** of an **Android** app for comic book organization using the **MVP** architectural pattern, **Java, Firebase**, and **Firestore**, enabling users to identify and catalog comics via reverse image search scanning.
- Engineered the backend with **RESTful APIs, Weaviate**, and third-party comic databases to support real-time image recognition and enriched **metadata** retrieval.
- Integrated **Google ML Kit** for **OCR** and image labeling, applying **machine learning** to detect UPCs and visual features; designed intuitive UI components using Android's **Material Design** for seamless user interaction.