

ALVARO TORRES

SOFTWARE ENGINEER

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SUMMARY

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

EDUCATION

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

SKILLS

Programming: C++, Java, JavaScript, TypeScript, PHP, Python, HTML/CSS
Libraries & Frameworks: React, Next.js, Vite, Vue.js, Tailwind CSS, Express.js, Node.js
Tools & Services: Git, GitHub, RESTful APIs, CI/CD, Jest, Jira, Redis, Github Actions, Postman, Firebase, Firestore, MongoDB, Mongoose, Docker, SQL, MySQL, OpenAI, Google ML Kit, Weaviate

EXPERIENCE

Web Developer (alvarotorres.dev/projects/simulint_innovations)	Remote
<i>Simulint Innovations</i>	June 2021 – Present
<ul style="list-style-type: none">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%.	
Director of Marketing & IT (alvarotorres.dev/projects/hacienda_mobile_home_sales)	San Benito, TX
<i>Hacienda Mobile Home Sales</i>	July 2021 – January 2024
<ul style="list-style-type: none">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

SkipAPI (alvarotorres.dev/projects/skipapi)	July 2025 – Present
<ul style="list-style-type: none">Created a full-stack AI SaaS platform that utilizes OpenAI and instantly generates backend APIs from natural language prompts, reducing backend setup time by up to 80%, streamlining frontend integration, cutting company costs, and accelerating DevOps workflows.Implemented secure authentication with JWT and refresh tokens, protected routes, and integrated Redis based rate limiting for usage control.Built a dynamic UI using Next.js, TypeScript, Tailwind CSS, and integrated real-time feedback and session persistence logic.	
DevConnect (alvarotorres.dev/projects/devconnect)	March 2025 – July 2025
<ul style="list-style-type: none">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.Led 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.Coordinated 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.	

- 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.