Christian Torres Avila

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Summary

Full Stack Developer with 9+ years of experience building and maintaining production systems across Quick Commerce, Real Estate, Social Networks, and HR Tech. Proficient in JavaScript, TypeScript, Python, and Go, with strong backend and full-stack capabilities in Node.js, React, and Next.js. Experienced in designing test strategies spanning unit, integration, and E2E testing using Jest, Playwright, Cypress, and pytest. Proven track record of navigating large multi-file codebases, leading production migrations, conducting code reviews, and writing technical specifications. AWS Certified Cloud Practitioner with expertise in serverless architectures and CI/CD. Currently integrating AI into engineering workflows using LangChain and OpenAI for automated test generation and developer tooling.

Experience

Sr. Software Engineer
Humand
Jan 2025 - Present
- Module owner of Goals and Performance, authoring technical specifications and leading architecture decisions across web and backoffice platforms.
- Designed and built a QA orchestrator to centralize testing across multiple frontend codebases (web, backoffice, components-library) — navigating and instrumenting large multi-repo projects without modifying source code.
- Built E2E test pipelines with Playwright, plus unit and integration test suites with Jest, supporting trace debugging and per-project execution.
- Implemented visual regression testing with BackstopJS for component and UI validation at scale.
- Integrated axe-core for automated accessibility testing across all frontend platforms.
- Leveraged LangChain (Python) + OpenAI for AI-powered test case generation from requirements and user stories.
- Conducted systematic code reviews across frontend teams, enforcing quality standards and identifying edge cases.

Software Developer
PedidosYa
Sep 2021 - Dec 2024 (3 years 4 months)
- Implemented E2E testing with Cypress and Cucumber, plus unit tests with Jest, increasing overall test coverage by 80%.
- Developed a comprehensive component library with Storybook, TypeScript, Styled-Components, and ReactJS, including unit test suites for each component.
- Conducted Core Web Vitals assessments, leading to strategic performance refactoring and improved user experience.
- Spearheaded a BFF (Backend-for-Frontend) architecture for discount swimlanes, writing technical specs and leading the implementation across multiple services.
- Performed regular code reviews and refactoring across the frontend codebase, maintaining code quality standards.
- Developed REST APIs for restaurant menus and limited-time promotions, boosting feature implementation speed by 25%.

Software Developer
taringa!
May 2020 - Sep 2021 (1 year 5 months)
- Pioneered a gamification feature, integrating user range and coin wallet functionalities, boosting user engagement and platform interactivity.
- Led the refactoring and migration of a SPA to SSR using Next.js, resulting in substantial SEO improvements.
- Integrated blockchain web services with the coin wallet feature, enhancing transactional security.

Software Developer

Triplemint

Mar 2019 - May 2020 (1 year 3 months)

- Maintained and upgraded a legacy website with KnockoutJS, Python, and PostgreSQL.
- Led a large-scale refactoring and migration of the legacy codebase to Svelte JS and GraphQL, quadrupling site performance.
- Debugged and navigated a complex multi-file codebase during the SPA-to-SSR transition, systematically resolving cross-module dependencies.

Software Developer

PPM

Jan 2017 - Mar 2019 (2 years 3 months)

- Created a web application for Pichincha Bank's loyalty program, engaging 70% of Mastercard and Visa cardholders.
- Architected an e-commerce platform with microservices deployed on Google Cloud Platform.
- Built web applications using Go, Node.js, and JavaScript with REST APIs for cross-functional integration.

Software Developer

Dreamcode.io

Jan 2015 - Jan 2017 (2 years 1 month)

- Built a customer service dashboard for Florida hotels, streamlining request management.
- Delivered solutions that boosted client booking efficiency by 20%.
- Integrated IoT devices with AWS Lambdas, achieving 90% efficiency in handling hotel customer requests.

Education

UNIVERSIDAD UTE
Computer Science, Software Engineering
2014 - 2018

Licenses & Certifications

AWS Certified Cloud Practitioner - Amazon Web Services (AWS)
Issued Dec 2023 - Expires Dec 2026

Skills

JavaScript • TypeScript • Python • Go • React • Next.js • Node.js • Nest.js • Jest • Playwright • Cypress • pytest • LangChain • OpenAI API • AWS (Lambda, S3, EC2) • Docker • CI/CD • REST APIs • GraphQL • Microservices • Code Reviews • Technical Specs • Refactoring