

Ryan Santos

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SUMMARY

Senior Frontend Engineer with over 5 years of experience architecting production-grade web applications utilizing modern frontend tools and frameworks. Proven track record of spearheading software architecture, driving complex multi-platform integrations, and optimizing technical workflows to deliver scalable, high-converting digital products for global brands.

EXPERIENCE

Envoy — *Senior Frontend Engineer*

May 2022 – June 2026

- Engineered e-commerce, SaaS, and Custom CMS applications, regularly optimizing Core Web Vitals to boost site performance, page speed, and cross-platform conversions.
- Led frontend codebase architectures and technical discovery for Headless React and SASS/Tailwind applications. Successfully managed, mentored, and unblocked engineering contractors while driving strategic sprint planning sessions.
- Designed and engineered secure, distributed identity pipelines orchestrating Auth0, Shopify, and Salesforce to establish unified, high-availability customer account workflows.
- Partnered directly with design leadership in Figma to establish atomic UI components, drastically shortening feedback loops from high-fidelity prototype to production deployment.
- Integrated scalable third-party APIs and custom data layers (CMS via Contentful/Shopify, analytics via GTM) to support dynamic web experiences and advanced SEO optimization.
- Implementing expert-level WCAG 2.1 web accessibility compliance across multi-locale storefronts to minimize legal risk and scale audience reach.

Kraferd Inc — *Frontend Engineer*

Apr 2021 – Apr 2022

- Designed and executed core frontend technical architecture across engineering repositories, introducing strict code quality guardrails to ensure cross-team system scalability.
- Established comprehensive automated testing infrastructure using Cypress and React Testing Library, eliminating code regressions and boosting release confidence.
- Managed continuous deployment pipelines on AWS (S3, CloudFront, Cognito) to maintain 99.9% application availability and robust user authentication security.
- Optimized full-stack data contracts by building robust integration layers with .NET Core APIs, maximizing end-to-end payload synchronization and data efficiency.

Adopt-a-Pet — *Frontend Engineer*

Jan 2021 – Apr 2021

- Engineered critical user experience interfaces on a high-traffic PHP platform, drastically reducing page load latency and optimizing user conversion tunnels.
- Spearheaded cross-team engineering share-outs to champion progressive frontend architectures and modern automated test framework adoption.

First Resonance — *Frontend Engineer*

July 2020 – Nov 2020

- Accelerated application performance and reduced state complexity by successfully managing data migrations from legacy REST services to optimized GraphQL APIs.
- Partnered closely with UX leadership via Zeplin and Figma to translate high-fidelity mocks into ultra-responsive, componentized frontend structures.

CERTIFICATIONS & EDUCATION

Hack Reactor | Software Engineering Immersive Program — Full Stack Web Development

2018

W3Cx (World Wide Web Consortium) | Verified Professional Certificate — Introduction to Web Accessibility

Issued June 2026

CORE SKILLS

Frontend & Frameworks: Next.js, React, TypeScript, Tailwind CSS, JavaScript (ES6+), HTML5, CSS3/PostCSS, ShadCN

Architecture & Design: System Design, Design Systems (Figma to Code), WCAG 2.1/3.0 Web Accessibility, SEO Optimization, A/B Testing

Integrations & Cloud: GraphQL, REST APIs, Contentful CMS, Shopify headless ecosystem, Auth0, Salesforce API, GTM & Data Layers

Testing & Tooling: CI/CD pipelines, Cypress, React Testing Library, Jest, Git, Cursor AI workflows, AWS (S3, CloudFront, Cognito)