

# Uday Vatti | Sr. Web Developer / Designer

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## Summary / Objective

Senior Web Engineer with over 8 years of experience architecting high-performance, scalable web applications. Expert in React, TypeScript, and Next.js, with a proven track record of leading frontend strategy for AI-driven platforms and global e-commerce systems. Adept at optimizing complex rendering patterns and collaborating with cross-functional teams to deliver premium user experiences at scale.

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## Core Competencies

- **Web Architecture:** React, Next.js (Page/App Router), TypeScript, GraphQL, C#, .NET.
  - **Performance & Engineering:** SEO Optimization, Performance Tuning (Lighthouse), GTM, Analytics.
  - **Content Systems:** Headless CMS Architecture (Sanity, Contentful), Custom CMS Development.
  - **Design Engineering:** Figma-to-Code, Framer Motion, GSAP, Tailwind CSS, Responsive Systems.
  - **Operations:** CI/CD Strategy, Cloud Infrastructure, Site Security, Agile Methodologies.
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## Professional Experience

Sr. Web Developer & Designer | **Labelbox**, San Francisco, CA | *Nov 2021 – Present*

- **Full-Stack Leadership:** Architected and led development for enterprise-grade platforms used by Fortune 500 companies for AI data labeling.
- **Data Visualization:** Partnered with product teams to build the Labelbox Evaluation Studio, a high-performance tool for model performance visualization.
- **Architectural Migration:** Spearheaded a site-wide migration from Material UI to Tailwind CSS, significantly reducing bundle size and improving maintainability.
- **Next.js Optimization:** Implemented Next.js App Router with hybrid static/dynamic rendering to maximize speed and SEO.

- **Product Launch:** Developed alignerr.com from inception using a custom Sanity CMS integration, delivering a robust, scalable full-stack solution.

Full Stack Developer | **Triple Crown Products** | *July 2017 – Oct 2021*

- **E-commerce Transformation:** Led the modernization of e-commerce platforms, migrating legacy systems to React and SASS.
- **Performance Optimization:** Increased website performance by 40% through aggressive caching strategies and asset optimization.
- **Organic Growth:** Engineered SEO enhancements that drove a 60% increase in organic traffic.
- **CMS Innovation:** Built a custom CMS that empowered marketing teams with scheduled content releases and feature flag deployments.

Web Developer | **Center for Governmental Studies** | *June 2016 – May 2017*

- **Data Engineering:** Developed interactive visualization tools for researchers using D3.js and C# MVC.
  - **Public Impact Tools:** Built responsive platforms to visualize complex educational metrics, such as graduation rates.
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## Selected Project

### Them Design Studios:

- Built a modern web presence for a creative agency, delivering a responsive portfolio site that increased inquiries by 200%.
- Optimized performance, achieving 95+ Lighthouse scores.
- Technologies used: React, Firebase, Contentful, GSAP, Styled Components, Tailwindcss

### Earthbound Adventures

- Developed a booking platform and marketing website for an adventure tourism company.
- Built a booking system that increased conversions by 85%.
- Technologies used: React, Firebase.