

Troy Ciesco

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SENIOR FULL-STACK SOFTWARE ENGINEER | FRONTEND SPECIALIST

Software Engineer with 10+ years of experience specializing in React, TypeScript, and modern frontend frameworks, with backend expertise in Python, Django, and Node.js. Passionate about code quality and team growth. Led development of a cross-team UI system. Former Army Reservist with a track record of leadership, mentoring, and adaptability.

SKILLS

Languages: HTML, CSS, JavaScript, TypeScript, Python, SQL

Technologies: React, Next.js, Vue, Nuxt, Tailwind CSS, Node.js, Django, GraphQL, TanStack Query, PostgreSQL

WORK EXPERIENCE

Senior Full-Stack Software Engineer, Freelance

Jul 2022 – present

- Modernized the account system for a major pest control company using Next.js, TypeScript, Contentful, and GraphQL
- Developed a frontend flow for an NFT burn/redemption event under tight deadlines, ensuring seamless user experience with React, Redux, Tailwind CSS, and integration with the Ethereum blockchain
- Built a high-performance, accessible corporate site from scratch, optimizing for speed, mobile responsiveness, and WCAG compliance using React, Next.js, and Tailwind CSS
- Contributed to a site tied to a Super Bowl commercial, driving 1M+ views and 250K+ signups using React

Senior Frontend Engineer, Context Labs

Oct 2023 – May 2024

- Led development of Verhaal, a custom Storybook-like application and component design system for Nuxt, collaborating closely with a designer to drive its roadmap and improve code shareability across three frontend teams
- Optimized geographic point-to-point comparisons, reducing compute time from ~15 minutes to ~1 second with efficient algorithms in TypeScript and Vue
- Enhanced team collaboration by improving code reviews and implementing better testing practices with Vitest, leading to more maintainable and reliable TypeScript development
- Took initiative beyond core responsibilities by contributing to multiple products in Vue and Nuxt, improving frontend tooling and replacing Vuetify with Radix UI for better maintainability

Senior Frontend Engineer, Gemini

Oct 2021 – Jul 2022

- Played a key role in overhauling primary marketing pages for NFT drops, including the \$91M Pak NFT sale, the largest in history, improving performance and streamlining the drop purchase experience on Nifty Gateway
- Built the initial frontend implementation of a customer-facing NFT drop creation tool using React and TypeScript, accelerating stakeholder alignment and expanding platform functionality
- Improved frontend performance and maintainability by mentoring teammates on effective code reviews and best practices, and volunteered to contribute to backend development in Python and Django to increase team flexibility

Software Engineer, Walt Disney Company/Hulu (via TEKsystems)

Sep 2020 – Oct 2021

- Converted from TEKsystems contractor to full-time employee at Hulu
- Developed internal tools for the Ad Experience team using React, TypeScript, SCSS, Storybook
- Integrated multiple APIs via a Node.js GraphQL server, improving data retrieval efficiency
- Built reusable UI components in Storybook and wrote unit tests with React Testing Library to enhance maintainability
- Collaborated in an agile team to manage the product backlog and drive feature development

MILITARY EXPERIENCE

Corporal Team Leader, Army Reserve 94th Military Police Company

Jan 2013 – Jan 2019

- Led a team for 4+ years, mentoring and developing two junior soldiers
- Helped 120+ soldiers improve fitness by tracking Army Physical Fitness Test (APFT) results and setting targeted goals
- Received four Army Achievement Medals for outstanding performance and meritorious service