

# Timothy Machnacki

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## EXPERIENCE

### Signs365

Frontend Software Engineer • Full-time

**March 2023-Present**

Shelby Twp., MI (Hybrid)

- Leading complete frontend architecture and development of new v5 application using React 19, integrating modern tools such as Tanstack (React) Query for advanced async state management and React Router v7 for client-side routing.
- Designed and implemented a new t-shirt ordering interface, developing 35+ reusable, accessible, and styled UI components using React, TypeScript, and Tailwind CSS, while maintaining documentation through Storybook for team-wide adoption.
- Decreased client chat network load by 66% with rendering optimization. Redesigned and implemented an improved chat user interface, adding proper handling of loading and error states, as well as infinite-scrolling message history.
- Spearheaded the end-to-end design and development of a new "Promos" page within a one-week sprint, driving 1,300+ customer conversions through the successful launch of a 4th of July campaign.
- Leveraged knowledge in React, Typescript, Javascript, Tailwind CSS,, SCSS, jQuery, Cypress, Storybook, and Figma.

### Recruiting Arena (alpha)

Lead Frontend Developer & Designer • Freelance

**Aug. 2023-Present**

(Remote)

- Led the design and development of 8 pages in a multi-page application through close collaboration with backend leads and business ownership, additionally creating 2 high-fidelity Figma prototypes for profile and messaging features to drive future development.
- Leveraged knowledge in Tailwind CSS, DaisyUI, Astro, HTML, Javascript, CSS, and Figma.

### Buy My Spot

React Native Developer • Contract

**April 2023**

(Remote)

- Delivered a streamlined 5-step user onboarding experience in collaboration with design leadership, implementing progressive multi-step form validation to enhance new user activation.
- Leveraged knowledge in React Native, Typescript, Tailwind CSS, and Expo.

### Nexsys Technologies (Amrock)

Software Quality Engineer • ClearSign • Intern

**June-Aug. 2020, 2021**

Detroit, MI (Remote)

- Implemented new and modern technologies for ClearSign legacy systems to improve code maintainability and future usability

## EDUCATION

### University of Michigan

Bachelor of Science in Computer Science

**Sept. 2018-April 2022**

Ann Arbor, MI

## LEADERSHIP

### J.P. Morgan Chase EECS 183 Showcase Winner

**April 2019**

- Led a team of 4 in developing and presenting an arduino mini-golf arcade game built with C++, Arduino, and Adafruit RGB LED matrix.

## SKILLS

- **Languages:** (*proficient*): Typescript, Javascript, HTML, CSS, NoSQL • (*familiar*): Python, C++, C#, SQL
- **Frameworks/Libraries:** (*proficient*): React, Next.js, Astro, Tailwind CSS, Vite, Node.js • (*familiar*): Webpack, Express, Hono, Cypress, Storybook, Vue, React Native, Expo, Flask, Django, Jinja
- **Additional:** (*proficient*): Figma, SEO, FL Studio, Audio Engineering • (*familiar*): Git, Vercel, ec2, Unity Engine