

# SAMMY SAMKOUGH

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## FRONT END SOFTWARE ENGINEER; M SCIENCE

### SUMMARY:

**Software Engineer with 5+ years of industry experience** building for the web, specializing in frontend development. Creating beautiful, accessible user experiences using HTML, CSS, and JavaScript / TypeScript.

**Areas of Expertise:** FRONT-END DEVELOPMENT // WEB DEVELOPMENT // DESIGN ENGINEERING

### TECHNICAL PROFICIENCIES:

- **Languages** — HTML; CSS; JavaScript; TypeScript; Python; C#; Java; SQL
- **Frameworks** — React.js; Next.js; Remix; Astro.js; Gatsby.js; Svelte; Django; Node.js; Express.js; React Native
- **Applications** — Git; PostgreSQL; Firebase; GraphQL; Storybook; AWS; Google Cloud; Vercel; Netlify; Chromatic

### WORK EXPERIENCE:

**Bonny Systems**, New York City, NY; Wayne, NJ Oct 2023 - Present

*Founding Engineer*

- Achieving over 80% reduction in website load times by improving core web vitals which includes minimizing JavaScript usage, image optimization, and adherence to web standards.
- Partnering with design agencies to build and deploy modern websites with CI/CD pipelines using content management systems (CMS) like WordPress or advanced front-end frameworks such as Next.js and Astro.js.

**Canal**, San Francisco, CA; New York City, NY May 2021 - Jul 2023

*Software Engineer*

- Developed the onboarding process to adapt to evolving user needs, making product decisions on the fly, utilizing React, Next.js, TypeScript, XState, Django and GraphQL which lead to an overall 40% increase in user satisfaction.
- Collaborated with a fast-moving design / product team of five to create in-house design system that replaced the Shopify Polaris design system which led to an increase of development speed by over 60%.
- Enhanced web application usability across all departments by 60% through leading targeted accessibility training and guidelines for the development team.
- Led the standardization of UI / UX component testing within the in-house design system, significantly reducing component-specific bugs by over 70% using Chromatic and Storybook.

**Popstar**, Remote USA Nov 2020 - Apr 2021

*Software Engineer*

- Launched a feature-rich iOS application using Swift and Firebase / NoSQL, which offered an elegant vertical video experience, including social interactions such as sharing and commenting on videos.
- Integrated backend Firebase push notifications and cloud messaging enhancing user engagement by 80%.

**Decusoft**, Hybrid (Ramsey, NJ; Remote USA) May 2019 - Oct 2020

*Full Stack Software Developer*

- Implemented table features like filtering and sorting algorithms using JavaScript, C# / ASP.NET and SQL.
- Optimized complex SQL queries which increased the load time performance of the main MySQL table by 50%.

### EDUCATION:

**Montclair State University**, Montclair, NJ Bachelor of Science in Computer Science 2019