

# Nicholas Harris Senior Software Engineer

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Front-end focused senior engineer with 6+ years of experience building accessible, performant, and scalable web applications. Known for rapid iteration and clean component architecture. Driven by empathy, curiosity, and a belief that the best software is built with people in mind.

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## TECHNICAL SKILLS

JavaScript | TypeScript | React | Node.js | Next.js | Docker | HTML5 | CSS | Tailwind | Web Components | Git/Github | PostgreSQL | Cypress | Responsive Design | OOD

## EXPERIENCE

**Sr. Software Engineer - Frontend Focus - Rheaply.** Chicago, IL 4/20 - Present

- Led frontend development of a performant, data-heavy UI for an enterprise inventory management system, enabling Fortune 500 companies to track and reuse millions of assets across thousands of locations via integration with a marketplace.
- Redesigned the marketplace homepage experience to feature personalized listing feeds based on user preferences and engagement history.
- Developed a robust bulk upload workflow, making it easier for users to list assets at scale—contributing to a 2.5x increase in marketplace supply over 18 months following launch.
- Reduced average listing search load time by 51%, resulting in a significant increase in marketplace exchanges.
- Mentored fellow engineers through frequent pair programming, constructive code reviews, and an emphasis on clean, maintainable code—helping foster a culture of technical excellence and high performance.
- Spearheaded multiple tech debt initiatives that significantly reduced code complexity and improved developer velocity.
- Shipped a suite of features to support collaboration on large-scale enterprise reuse projects, including interior design asset planning and management tools.
- Supported the 4x growth of the engineering team by helping source, interview, and onboard new developers.

Technologies: Single page web applications, Typescript, e2e tests, Web Components, PostgreSQL

**Full Stack Developer - The Difference Engine.** Chicago, IL 6/19 - 1/20

- Launched a recipe-sharing app used by Rescuing Leftover Cuisine, an NYC org.
- Collaborated on an Agile development team to build open source web applications for NFPs.
- Contributed to The Difference Engine's primary marketing website used to organize projects, prospective clients, and personnel.

Technologies: React, Ruby on Rails, Git, Agile, Docker

**Front End Engineer - GreenStand.** Freelance 11/19 - 3/20

- GreenStand specializes in tech solutions enabling thorough tracking of tree planting and compensation for planters — addressing the intersecting crises of deforestation, climate change, and extreme poverty.

Technologies: HTML5, CSS, MaterialUI, Docker, React, Node, Github

**Frontend Developer - YoungManInAHurry.com.** Freelance, IL 4/19 - 7/19

- Collaborated with Hartford Designs to create a custom, promotional website for an indie rock band to share information and publish content.

Technologies: HTML5, CSS, Bootstrap, InVision, Responsive Design

## **ADDITIONAL WORK EXPERIENCE**

**Shift Manager - The Market by Foxtrot.** Chicago, IL 2/15 - 4/20

- Oversaw store operations, elevated guest experience, and managed online order dispatch for a rapidly expanding retail startup.

**GreenCorps Chicago - Instructor.** Chicago, IL 6/15 - 8/15

- Trained 40 high school students in skills relating to horticulture, biking, and urban forestry.

## **EDUCATION**

**Udacity - Google Challenge Scholarship, 2018.**

Nanodegree in Front End Web Development

**Loyola University Chicago, 2013.**

B.A. in English

## **COMMUNITY ENGAGEMENT**

**Active member - ChiHackNight, Open Uptown.** Chicago, IL 2019-present

Current participant in these civic tech meetup groups.

**Organizer/Promoter - Club Soda Music Venue.** Chicago, IL 2015-2017.

- Organized dozens of concerts and art shows featuring local, national, and international performers of all kinds.
- Raised thousands of dollars for organizations such as Chicago Community Bond Fund, Planned Parenthood, and Trevor Project.
- Fostered an explicitly inclusive environment where people from all backgrounds could feel comfortable and welcome.

**Bassist/Manager - Various Music Groups.** Chicago, IL 2006-Present

- Communicated frequently with venues and promoters to organize and execute events throughout Chicago and the Midwest.
- Built the band brand via social media engagement and web presence.
- Designed, created, and sold band-related merchandise.