

Rebecca Shoptaw

+1 (510) 926-2686 • rebecca@rebeccashoptaw.dev • Brooklyn, NY



[Portfolio](#)



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SKILLS

React
Vercel
Vite

TypeScript
Node.js
Lit

JavaScript
Python
PHP

HTML
Git
React Native

CSS
Jest
Swift

Next.js
Docker
Figma

PROFESSIONAL EXPERIENCE

Internet Archive

San Francisco, CA (Remote)

Software Engineer, Core Site UX Team

August 2024 - Present

- Devised an efficient project management system to break down complex, ambiguous feature requests into a series of iterative phases, successfully closing more than 100 Jira tickets in the first 8 months
- Created a much-requested new tool which enables the site's 1M+ collection admins to generate fully-customized, responsive TypeScript page layouts from a single JSON object via a simple, intuitive form
- Transformed the workflow for displaying and editing reviews, replacing legacy PHP code with fully-tested TypeScript components and architecting 10+ desired new security and design features
- Designed and delivered a custom CMS to facilitate easy, risk-free edits for 14 highly-visible site pages
- Worked with an agile, 8-person team to optimize the user experience for the site's 1.5M daily visitors

Engineering Fellow & Frontend Lead, Open Library Team

December 2023 - August 2024

- Shipped 50+ new features and fixes across the stack for a digital library with 30M+ monthly visitors
- Reduced the delay for new text translation availability from up to 6 months to less than 5 minutes by building a Python-based automation tool
- Delivered a modern and user-friendly new registration process for the archive's Open Library site, executing a full redesign and adding 9 new validation checks using JavaScript, HTML and Python
- Collaborated with a cross-functional team of 15 via weekly meetings, code review, frontend and backend architecture best practices, and CI/CD workflows

Freelance

New York, NY (Hybrid)

Software Engineer

October 2023 - April 2024

- Increased responsiveness, performance and scalability by up to 80% by overhauling and redesigning client sites, transforming basic HTML sites into stylish, modern React applications
- Reduced new page build time by > 90% in a Next.js rebuild of a SquareSpace site by replacing 13 repetitive individually-generated pages with a simple, reusable React component

Rebecca Shoptaw Films

New York, NY

Filmmaker

August 2016 - Present

- Drove ambitious, highly technical projects from concept to launch, including a 70-episode series that was featured in The New Yorker and 40+ short films that have screened internationally
- Led teams of 10+ in high-pressure on-set environments, devising individualized strategies to communicate clearly and effectively with each team member

EDUCATION

Yale University

August 2014 - June 2018

B.A., Film and Media Studies

- Studied JavaScript, HTML, CSS, C, SQL and Data Structures and Algorithms
- Independently trained self in Swift by building a video-editing iOS app in under 3 weeks
- One of just 20 students out of 500 with a project selected for the CS50 course showcase video