

REBECCA SHOPTAW

Frontend Software Engineer

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Frontend engineer with a track record of shipping ambitious features and complex fixes for large-scale applications.

SKILLS

React | JavaScript | TypeScript | HTML | CSS | Git | Jest | Docker | CI/CD | Next.js | Vercel | SASS | Tailwind | Figma |

PROFESSIONAL EXPERIENCE

Frontend Software Engineer	Internet Archive	Remote December 2023 - Present
<ul style="list-style-type: none">Successfully shipped 8+ new features and fixes as a volunteer for a digital library with 29M+ monthly visitors, using automated unit and integration testing and linting to ensure code qualityCollaborated with a cross-functional team of 15 via weekly meetings, code review, and continuous integration/continuous delivery (CI/CD) workflowsYielded a 30% reduction in cover image submission time by revamping the form user experience (UX), replacing outdated JavaScript and jQuery validation methods and preventing duplicate entriesCreated direct debugging solutions by diving deep into the 18-year-old codebase to solve problems at the root		

Frontend Software Engineer	Freelance	Remote October 2023 - Present
<ul style="list-style-type: none">Increased responsiveness, performance and scalability by up to 80% by overhauling and rebuilding client sites, transforming bare-bones HTML sites and simple single page profiles into seamless, modern React applicationsReduced page creation time by > 90% in a TypeScript and Next.js rebuild of a SquareSpace site by replacing 13 repetitive individually-generated pages with a simple, reusable React componentSynthesized client site objectives and aesthetic vision into actionable plans for site architecture, code and design, maintaining a 24 hour turnaround time between initial meeting and delivery of full proposal		

Filmmaker	Rebecca Shoptaw Films	New York, NY August 2016 - Present
<ul style="list-style-type: none">Drove increasingly ambitious projects from ideation to realization, including a <u>70-episode web series</u> that was featured in <i>The New Yorker</i> and <i>Le Monde</i> and 40+ short films that have screened at festivals internationallyLed teams of 10+ in high-pressure on-set environments, devising individualized strategies to communicate clearly and effectively with each team memberCreated polished finished products by patiently refining performance, cinematography and editing with minute precision, averaging 8+ rehearsals per shot and 5+ full cuts per film		

PORTFOLIO HIGHLIGHTS

Frontend Software Engineer	Triolingo	New York, NY October 2023 - Present
<ul style="list-style-type: none">Generated immediate user impact by propelling the product from initial concept to first launch in < 24 hoursTransformed scalability and extensibility by using SOLID design principles to distribute the game logic among 25 reusable, modular React components and 8 custom hooks and TypeScript helper functionsDelivered a > 89% reduction in main component length in a single week by spearheading a thorough streamlining, refactoring and restructuring process		

Frontend Software Engineer	Open Editions	New York, NY September 2023 - Present
<ul style="list-style-type: none">Orchestrated site expansion by making the 10 customized style and content data points entirely dependent on a TypeScript object so as to achieve full reusability for the React audiobook user interface (UI)Currently scaling up, developing new features for the site, and incorporating a 40,000-book library and customized audio player by deploying a REST API-linked search algorithm		

EDUCATION

BA, Film and Media Studies GPA: 3.88 — cum laude, with distinction	Yale University	New Haven, CT August 2014 - June 2018
<ul style="list-style-type: none">Mastered JavaScript, HTML, CSS, C, SQL, and Data Structures and AlgorithmsIndependently trained self in Swift by taking a video-editing iOS app from ideation to completion in under 3 weeksOne of only 20 students out of 500+ with a project selected to be featured in CS50 year-end <u>course showcase video</u>		