REBECCA SHOPTAW

Frontend Software Engineer

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Frontend engineer with a track record of realizing ambitious projects with rapid speed and minute precision.

SKILLS

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

PROFESSIONAL EXPERIENCE

Frontend Software Engineer   **Internet Archive**   **Remote**
                                                                            December 2023 - Present

- Successfully shipped 8+ new features and fixes as a volunteer for a digital library with 29M+ monthly visitors, utilizing automated testing and linting to ensure code quality and proposing and implementing relevant documentation updates
- Yielded a 30% reduction in cover image submission time by revamping the form UX, replacing outdated JavaScript validation methods and preventing duplicate entries
- Collaborated with a cross-functional team of 15 via weekly meetings, code review, and CI/CD workflows

Frontend Software Engineer   **Freelance**   **Remote**
                                                                            October 2023 - Present

- Increased responsiveness, performance and scalability by up to 80% by overhauling and redesigning client sites, transforming bare-bones HTML sites and simple single page profiles into feature-rich React sites
- 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
- Synthesized 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

- Drove increasingly ambitious, highly technical projects from ideation to realization, including a 70-episode web series that was featured in *The New Yorker*, *Le Monde* and *i-D Magazine* and 40+ short films that have screened at festivals internationally such as BFI Flare and NewFest
- Led teams of 10+ in high-pressure on-set environments, devising individualized strategies to communicate clearly and effectively with each team member
- Created 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

- Generated immediate user impact by propelling the product from initial concept to first launch in < 24 hours
- Transformed scalability and extensibility by using SOLID design principles to distribute the game logic among 25 simple, reusable React components and 8 custom hooks and TypeScript helper functions
- Delivered 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

- Orchestrated site expansion by making the 10 customized style and content data points entirely dependent on a JavaScript object so as to achieve full reusability for the React audiobook component
- 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   **Yale University**   **New Haven, CT**
GPA: 3.88 — cum laude, with distinction   *August 2014 - June 2018*

- Mastered JavaScript, HTML, CSS, C, SQL, and Data Structures and Algorithms
- Independently trained self in Swift by taking a video-editing iOS app from ideation to completion in under 3 weeks
- One of only 20 students out of 500+ with a project selected to be featured in CS50 year-end course showcase video