Courtney Lippman

Software Engineer

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PROFILE

As a software engineer, I constantly seek new, innovative ways to approach challenges. I thrive on collaboration and am always eager to learn and grow. My focus is on creating software solutions that solve real-world problems and add value to the lives of others. That's why I'm excited about the opportunity to work with a company where I can combine my passion for empowering others with my professional development.

TECHNICAL SKILLS

LANGUAGES   TypeScript | JavaScript | SQL | GraphQL | HTML5 | CSS | Sass
FRAMEWORKS/LIBRARIES   React | Next.js | Express | Tailwind | Material-UI
TESTING FRAMEWORKS   Cypress | Mocha | Chai
BUILD TOOLS   Webpack
CI PLATFORMS   CircleCI
VERSION CONTROL   Git | GitHub | GitHub Projects | Jira
UI/UX   User Stories | Figma | Miro

WORK EXPERIENCE

SOFTWARE ENGINEER-INTERN   Smart Scribe, Boulder, CO   Jul 2023 - Current
- Contributed to developing a front-end application for a health tech start-up that uses AI to generate patient charts for physicians.
- Utilized modern technologies and frameworks to deliver a user-friendly and responsive interface.
- Worked closely with cross-functional teams, including designers, marketing teams, project managers, and other developers, to ensure the successful delivery of the project.

MEDICAL ASSISTANT   Various Specialties Around Boulder, CO   Feb 2016 - Nov 2022
- Quickly learned the skills required and was able to assist with high-stress surgeries within just 1 week of starting the job.
- Collaborated with 7 different teams of medical professionals to provide efficient and quality care in fast-paced environments.

PROJECTS

Streamr   [View Code](#) | Team Project of 7 | 15 days   Feb 2023
- **Tech Stack:** React, Javascript, Cypress, Sass, CircleCI
- Achieved 1st place in a school-wide competition, earning recognition from a panel of industry leaders.
- Leveraged agile methodologies such as project and roadmap planning, user stories, stand-up meetings, backlog refinement, retrospectives, and use of GitHub projects to deliver production-ready software from clearly defined requirements.
- Researched and integrated React Context API to streamline state management across the application, improving overall efficiency.
- Collaborated with front-end and back-end teams to employ GraphQL and customized queries for efficient network requests.
- Implemented Cypress, intercepted and used fixtures to enable data-driven automation to test React components and asynchronous Javascript, and achieved 89.25% testing coverage to reduce regressions and catch corner cases on a limited timeline.

Board Game Bonanza   [View Code](#) | Team Project of 5 | 10 days   Jan 2023
- **Tech Stack:** Typescript, React, Cypress, Webpack, CSS
- Boosted code maintainability and readability by implementing TypeScript and creating five interfaces to minimize errors.
- Utilized async await and try catch statements to retrieve API data and implement error handling.
- Improved state management by skillfully utilizing React's useState and useEffect hooks.
- Employed React Router to manage application routing and navigation, streamlining application flow.

What's Cookin Good Lookin   [View Code](#) | Team Project of 4 | 21 days   Oct 2022
- **Tech Stack:** JavaScript, HTML5, CSS, Mocha, Chai
- Facilitated seamless collaboration by expertly utilizing Git for version control and efficiently managing tasks via GitHub Projects.
- Created optimized code through Test Driven Development using Mocha and Chai.
- Applied ARIA and other accessibility practices and obtained a Lighthouse accessibility audit score of 100%.

EDUCATION

Certificate in Front End Engineering | Turing School of Software and Design, Denver, CO   Aug 2022 – Mar 2023

Bachelor of Arts in Integrative Physiology | The University of Colorado, Boulder, CO   Aug 2014 – May 2018