S K Y L A R
KESSELRING

CONTACT INFO

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ABOUT ME

- Software engineer with over 5 years of experience, focused on web development. Highly proficient with core frontend web technologies such as Javascript, TypeScript, HTML5, and CSS3.

- Advanced knowledge of React and it's fundamental concepts; virtual DOM, hooks, functional and class components, lifecycle methods, higher-order components, custom hooks.

- Experience implementing common react libraries such as Redux for managing global state and React Router for client-side routing.

- Extensive use of the version control system GIT and the remote repository hosting site GitHub to effectively collaborate.

- Hands-on knowledge of UI libraries and pre-processors Material UI, React Bootstrap, SASS, and SCSS.

- Fluency in use of module bundler Webpack to reduce bundle sizes, split code to load modules dynamically or in parallel to improve loading times, and cache to speed up repeat website visits.

- Adept in using tools/methods such as React.lazy, React.memo, React profiler, Debouncing, and Chrome tools to diagnose performance bottlenecks and optimize runtime performance.

- Experience creating and writing unit tests and test cases with Jest and React Testing Library.

- Ability to design and build a RESTful API with Node.js for storing and serving data from the database.

- Strong communication skills with a team-focused and goal-oriented mindset, able to quickly learn and adapt to meet the needs of any team.

SKILLS

Frontend	JavaScript, TypeScript, HTML, CSS, React, Redux, MUI, SCSS
Backend	Node.js, Express.js, MongoDB, Postgres, AWS, Netlify
Tools	GIT, GitHub, Webpack, Babel, NPM, Jenkins
Testing	Jest, React Testing Library, Enzyme
Methodologies	Agile, Scrum, BEM

EXPERIENCE

PAPERLESS ENVIRONMENTS   Apr 2020 - present

Software Engineer | Remote

(Help construction companies manage and organize documents and information in a central repository. Allows documents to be centrally stored, sorted, and managed over their lifetime. Clients can add new documents in a multitude of ways, making it easy to store. Automated meta data groups similar documents, giving clients an organized breakdown of their information. Viewing, editing, and most other actions are tracked to provide an audit trail for each document. Finally, manage a documents lifecycle from creation to removal.)

- Participated in the creation and design of the backend using Node.js, Express.js, and Postgres.

- Automated CI/CD pipeline for my teams work stream.

- Developed and maintained essential website features with React and component libraries such as Essential Studio.

- Collaborated with cross-functional teams to gather requirements and implement solutions that meet business needs.

- Mentored junior developers and provided technical guidance as needed, ensuring quick integration into the team.

- Improved website performance through implementation of multiple performance enhancement techniques, such as lazy loading and code-splitting.

- Ensured type safety in mission-critical operations with the use of Typescript.

CAPCO   Jun 2018 - Feb 2020

Software Engineer | *Orlando, FL*

(Innovation Labs utilizes cutting-edge technologies, advanced methodologies and a network of industry partners to quickly and effectively address a client's problems. A prototype of the solution is produced based on customer's needs and rapidly innovated upon, giving clients a tangible result to showcase to their business. Integration with industry partners allows for a wide array of solutions that are faster to market and cheaper to produce.)

- Developed and maintained the website using HTML, CSS, JavaScript, and React.

- Collaborated with designers to ensure that the visual design of the website was accurately and consistently implemented across different pages and devices.

- Assisted in data visualization through the use of libraries such as D3.js and Recharts, allowing clients to more easily understand their data and reduce their costs.

- Worked closely with backend engineers to integrate frontend components with the REST API architecture.

- Contributed to the development of a reusable component library, resulting in improved consistency across the company's web applications and a reduction in bundle size.

- Interpreted customer pain points to inform product decisions and allow rapid prototyping.

- Properly setup system of telemetry to monitor and maintain website performance.

SANGOMA   Feb 2017 - May 2018

Software Engineer | *Sarasota, FL*

(Provide resturants with a unified communication system to address the issues of food service in the modern digital age. Helps to bring together online orders, phone reservations, and third-party food deliveries into one service. Clients have access to real-time analytics to gauge customer satisfaction and many other essential metrics, along with Point of Sale (POS) integration to manage business operations in one place seamlessly.)

- Helped develop a responsive, high performance, and reliable web application using React, JavaScript, HTML5, and CSS3.

- Enhanced functionality with well-organized drop-down menus and improved UX with interactive elements and CSS3 animations.

- Used GIT and GitHub to manage software version and effectively collaborate with colleagues on projects.

- Managed API calls with Fetch API and implemented libraries to facilitate interactive and responsive pop-up customer-service chatboxes.

- Created automated unit tests using testing frameworks such as Enzyme and Jest.

- Collaborated with my team using Agile/Scrum development workflow to deliver regular progress updates to the management team.

- Utilized React Router to implement fast and efficient dynamic routing.