

# Madeline Eow

☎ (123)123-1234 | ✉ madelineeow@gmail.com | (making portfolio website)

## SUMMARY

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- A React developer with 4+ years of experience in complete Software Development Life Cycle (SDLC) including design, testing, implementation, and maintenance of web applications using HTML5, CSS3, React, jQuery, JSON, AJAX, Express.js, TypeScript, JavaScript, etc.
- Expertise in building user interface and Single Page Application (SPA) with React components, including React Router, React Redux, React Hooks, etc.
- Experience in building complex and reusable React components using the features such as React Hooks and advanced techniques like Higher-Order Components (HOC) and render props.
- Experience in implementing React component lifecycle along with store dispatch action in React-Redux to handle real-time data, using React Router and Redux Thunk for API calls in React.
- Experienced in Axios, AJAX, and async/await from ES6 for manipulating and parsing multiple data types including JSON using jQuery or Fetch API and rendering the response data.
- Solid mastery of making web applications accessible for all users by designing HTML structure and customizing CSS frameworks of the content with consideration to headings, links, colors and images.
- Experience in testing codes and performing unit testing with testing runners such as Jest.
- Experience in using version control tools such as Git in project development.
- Experience in using JIRA and following the Agile and Waterfall development process and actively participating in Scrum sessions.
- Strong communication, collaboration and team-building skills with proficiency in grasping new technical concepts quickly.
- Excellent interpersonal abilities and time management skills with the intention to work hard to attain project deadlines under stressful environments.

## TECHNICAL SKILLS

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**Languages** : JavaScript, TypeScript, Python, R, SQL.

**Web Technologies** : Express.js, React, TypeScript, HTML/HTML5, CSS/CSS3, jQuery, MySQL.

**Version Controls** : GIT.

**IDE Tools** : VS Code.

**SDLC Methodologies** : Agile Scrum, Waterfall.

**Testing & Others** : JIRA, Jest.

## EXPERIENCE

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### Rokt React Developer

New York City, NY  
August. 2022 – Present

#### Summary

Rokt is an ecommerce transaction marketing platform that helps the consumers to drive millions in incremental revenue on their website and acquire new customers at scale by improving their customer experience. The project is to redesign the ecommerce application that enables customers to sign in, search their own product catalog, order based on their special pricing, and view past and pending orders with status. My focus was to develop websites for the application and the login field validation that help the existing customers on their online accounts. We also personalized the experience of

each new and returning user on their respective online accounts and the features on the application that allow them to access information about their product.

### **Responsibilities**

- Redesigned an existing web application with React, React Redux, React Router, Javascript, HTML5, and CSS3.
- Transformed the wireframes and mockups to develop web pages.
- Worked with React components, Forms, Events, Keys, Router, and Animations.
- Developed a dynamic Single Page Application (SPA) with client-side routing using React Router.
- Worked with React Redux to maintain the states in the stores and dispatched the actions.
- Maintained the security by securing the React Redux application with JSON Web Token (JWT).
- Worked with React Component Lifecycle in updating the Virtual DOM.
- Implemented test cases and performed unit testing on the application using Jest to ensure the features of the application work.
- Used Git for version control to collaborate with colleague developers in the project development.
- Worked with an Agile methodology with active Scrum framework participation.

### **Spokeo React Developer**

Pasadena, CA  
September 2021 – July 2022

#### **Summary**

Spokeo is a leading people search engine that provides comprehensive search services from online and offline public sources. The project is to develop a web application that creates a personalized experience for a user who establishes a membership plan account. My focus was to build, manage and maintain new features on the website for user accounts and monitor the public identifiable information disclosed to the account.

### **Responsibilities**

- Developed and assisted in designing the user interfaces and application server logic with HTML, CSS, JavaScript, React, React Middleware, React Router, Redux Redux and Node.js.
- Utilized Axios NPM and Express.js to implement the Promise API, send requests to the server and receive JSON as response type.
- Implemented Redux Middleware such as Redux Thunk and Promise to cope with various action requirements, including asynchronous promise handling in components.
- Worked with React Router to achieve dynamic routing for HTTP requests.
- Adopted React Redux to manage components' states and store route parameters.
- Developed website functionality such as page layouts, navigation, animation buttons for Single Page Application (SPA) using CSS and JavaScript.
- Performed extensive unit testing (end-to-end) and prepared detailed test scripts as part of it.
- Utilized Git to manage version control to track check-ins and rollback code throughout the development of the project.
- Worked in an Agile environment together with Scrum framework during the application development.

### **Teleport by AirAsia (Capital A) Front End Developer**

Kuala Lumpur, Malaysia  
May 2020 – September 2021

#### **Summary**

Teleport is a logistics venture by AirAsia, which is currently known as Capital A, that provides end-to-end logistics services that make moving goods and e-commerce easier anywhere in Southeast Asia. The project is to develop interactive user interface applications that can manage logistics anywhere in Asia Pacific and beyond. My focus was to create user

interactive and cross-browser web pages and maintain the feature on the platform based on the customer relationships which are business-to-business (B2B) and business-to-consumer (B2C).

## **Responsibilities**

- Involved in the development of user interface using HTML, CSS, jQuery, AJAX, and JSON.
- Used JSON for information storage and transfer between browsers and servers.
- Implemented AJAX functionality with jQuery to render JSON responses to the user interface.
- Applied jQuery and JavaScript XML extensively for the logical implementation part at the client side and for the features in the application.
- Involved in designing and creating several mock-ups using HTML, CSS, and JavaScript.
- Created and deployed new features based on the client's story in order to sustain and amend the existing applications.
- Extensively involved in unit testing and coordinated with the testing team and fixing bugs at various stages of the application development using Jest.
- Handled all aspects of the web application including maintaining, testing, debugging, and deploying.
- Worked with JIRA on managing the works of the team and tracking the issues during the project development.
- Utilized Git for version control extensively for controlling and regularly pushed the code to GitHub including branching and merging strategies.
- Participate in a working environment with Agile methodology and Scrum framework which includes daily stand-up meetings and seasonal sprints.

## **SingleStore React Developer**

San Francisco, CA  
December 2018 – May 2020

### **Summary**

SingleStore is a cloud-based database designed for real-time applications to deliver immediate insights. The project is to create an application that enables users to embrace diverse data and consolidate the business insights offered by real-time analytics. My focus was to maintain the application accessed by the users based on login and adding features that help the users to report their business analysis and insights.

## **Responsibilities**

- Created and deployed new features in order to sustain and amend existing applications.
- Developed user friendly interfaces for content pages in Single Page Application (SPA) with CSS and JavaScript.
- Created and optimized graphic websites and application interfaces with HTML and CSS.
- Used Express.js for making Create, Read, Update and Delete (CRUD) operations to trigger or fetch data from APIs provided by the back-end team.
- Managed unidirectional data flow via props and states of class components by creating reusable React components for the web application.
- Performed unit testing with Jest after fixing the issues reported by the quality assurance team.
- Migrated Waterfall to Agile methodology and actively involved in daily scrum meetings to deliver the tasks and project within a time frame.