





# MADELINE EOW

## FULL-STACK DEVELOPER

### CONTACT

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-  eowdeveloper.github.io/portfolio/homepage.html
-  New Jersey

### TECHNICAL SKILLS

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

**Web Technologies:** HTML/HTML5, CSS/CSS3, SCSS, jQuery, AJAX, React, ExpressJS, MySQL, MongoDB, JSON Web Token (JWT)

**Version Controls:** Git

**IDE Tools:** Vs Code

**SDLC Methodologies:** Agile Scrum, Waterfall

**Testing & Others:** Jira, Jest, Postman

### LANGUAGES

English	<div></div>
Malay	<div></div>
Mandarin	<div></div>
Indonesian	<div></div>

### SUMMARY

- A Senior Full-Stack Developer specialized in React with 5 years of experience in web application development using technologies such as HTML5, CSS3, React, jQuery, JSON, AJAX, ExpressJS, TypeScript, and JavaScript.
- Experienced in building user-friendly interfaces and Single Page Applications (SPAs) using React components such as React Router, React Redux, and React Hooks.
- Experienced in building complex and reusable React components using advanced techniques like Higher-Order Components (HOC) and render props, as well as React Hooks.
- Experienced in implementing React component lifecycle and integrating with React-Redux to handle real-time data.
- Skilled in using React Router to handle client-side routing, allowing for seamless navigation and improved user experience in React applications.
- Proficient in using Redux Thunk middleware to handle asynchronous API calls and manage state throughout the application, enabling efficient data flow and smooth updates.
- Experienced in using Axios, AJAX, and async/await from ES6 to manipulate and parse different data types, including JSON, using jQuery or Fetch API.
- Expert in making web applications accessible through proper HTML structure, customized CSS frameworks, and implementing accessibility features, including WAI-ARIA attributes such as *aria-labels* and *aria-hidden*, for users who rely on assistive technology.
- Experienced in testing code and performing unit testing using testing runners such as Jest and React Testing Library.
- Experienced in using version control tools like Git for managing and tracking changes in projects during development.
- Experienced in using Jira for project management and familiar with both Agile and Waterfall development processes, actively participating in Scrum sessions to ensure the successful delivery of high-quality and scalable applications.
- Skilled in communication, collaboration, and adapting to new technical concepts, with a strong commitment to teamwork and delivering results.
- Proficient in interpersonal communication, time management, and delivering results under stress, with a focus on meeting project deadlines and achieving success through effort and dedication.

### WORK EXPERIENCE

#### Full-Stack Developer

Zocdoc

New York City, NY

August. 2022 – Present

#### Summary

Zocdoc is an online healthcare marketplace that connects patients with doctors and other healthcare providers, enabling them to easily book appointments based on specialty, location, insurance, and availability. The company's goal is to improve the accessibility and efficiency of healthcare in the United States. My role was focusing to develop a web application for Zocdoc platform that allows patients to read reviews and ratings from other patients, view doctors' profiles, and book appointments online across a range of medical specialties, including primary care, dentistry, and psychiatry.

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## REACT DEVELOPER

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### WORK EXPERIENCE

#### Responsibilities

- Designed and developed an interactive and responsive Single Page Application (SPA) using HTML5, CSS3, JavaScript, and React.
- Implemented React Router for seamless navigation and to ensure a smooth user experience, allowing users to easily move between different parts of the website.
- Leveraged Redux for state management, allowing for efficient data flow throughout the application and enabling easy synchronization between different components.
- Integrated Json Web Token (JWT) for secure authentication and access control, protecting sensitive patient data and ensuring data privacy and confidentiality.
- Utilized testing frameworks and libraries such as Jest and React Testing Library to ensure the functionality of the application.
- Utilized Git for version control and Jira for project management, collaborating effectively with a development team and facilitating code review and feedback.
- Followed Agile methodology with active participation in Scrum framework.

#### Full-Stack Developer

Pasadena, CA

Spokeo

September 2021 – July 2022

#### Summary

Spokeo is a top-ranked people search engine that offers comprehensive search services using both online and offline public sources. The project aimed to develop a web application that provides a personalized experience to user accounts who sign up for a membership account. My focus was on building, managing, and maintaining new features for user accounts and monitoring public information disclosed to the account to ensure a secure and enjoyable experience.

#### Responsibilities

- Developed user interfaces and application server logic using HTML, CSS, JavaScript, React, React Middleware, React Router, Redux, and ExpressJS.
- Implemented Axios to make HTTP requests for server-side data from APIs.
- Integrated Axios with Redux Thunk middleware to handle asynchronous actions in the application.
- Utilized ExpressJS to create a server-side infrastructure for handling HTTP requests and performing CRUD operations, leading to improved website performance and enhanced search engine optimization (SEO).
- Maintained the architecture of the application by managing unidirectional data flow through props and states of class components.
- Developed reusable components to improve the scalability and maintainability of the application.
- Tested the application for bugs and performance issues, and fixed them with Jest.
- Maintained version control using Git to track changes, collaborate with the team, and keep a record of the application's development history.
- Participated in Agile methodology and daily Scrum meetings to ensure timely delivery of tasks and projects.

#### Full-Stack Developer

Kuala Lumpur, Malaysia

BigPay

May 2020 – September 2021

#### Summary

BigPay is a fintech company that provides a range of financial services including money transfers, currency exchange, and budget tracking tools. The company aims to enable users to access these services and manage their finances online. My primary focus at BigPay was to build a Single Page Application (SPA) that would provide users with a convenient and secure way to manage their finances online and access a range of financial services including money transfers, currency exchange, and budget tracking tools.

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### WORK EXPERIENCE

#### Responsibilities

- Developed and maintained features for BigPay's mobile wallet and payment platform using React, Redux, jQuery, AJAX, and other modern web technologies.
- Worked with APIs and integrated them into the platform to support various features, including money transfers and currency exchange, using JSON and AJAX.
- Utilized Redux Thunk for efficient state management and asynchronous API calls in React applications.
- Proficient in Webpack, Babel, and ESLint to improve development workflow and ensure code consistency and quality.
- Experienced in implementing accessibility features such as keyboard navigation, WAI-ARIA attributes, and proper HTML structure to ensure the application is accessible for all users.
- Experience in working with databases such as MongoDB to manage data in web applications.
- Utilized various testing frameworks and libraries such as Jest and React Testing Library to ensure the functionality and quality of the platform.
- Used Jira to track team work and resolve issues during project development.
- Utilized Git for version control, including code branching and merging strategies, and regularly pushed code to GitHub.
- Worked in an Agile environment with daily stand-up meetings and seasonal sprints following the Scrum framework.

#### Web Developer

SingleStore

San Francisco, CA

December 2018 – May 2020

#### Summary

SingleStore is a technology company that provides a high-performance distributed SQL database platform that enables businesses to process and analyze large amounts of data in real-time. The goal of the project is to create an application that can handle a wide variety of data-intensive applications, especially those that require real-time processing and analysis of large volumes of data, to enable businesses to unlock the full potential of their data and gain a competitive edge in their respective industries. My focus in the project is to ensure that the front-end of the high-performance distributed SQL database platform is well-maintained and optimized to achieve this goal.

#### Responsibilities

- Designing and implementing scalable and maintainable front-end architecture, creating reusable components and libraries using React, HTML, and CSS.
- Implementing client-side routing using libraries such as React Router, and handling dynamic page transitions and animations.
- Worked with TypeScript to add type safety to the codebase, and writing scalable and reusable interfaces for APIs and data models.
- Integrating with third-party APIs and services using tools like Axios and Fetch, and handling authentication and authorization using JSON Web Token (JWT).
- Utilized advanced React patterns such as Higher-Order Components (HOCs), Render Props, and Hooks to build highly modular and reusable components.
- Debugging and troubleshooting issues in the front-end of the platform, using tools such as the React Developer Tools and Chrome DevTools to identify and resolve issues.
- Adopted Agile methodology from Waterfall methodology, participating in daily scrum meetings to ensure timely delivery of tasks and projects.