LILLIAN WIMBERLY

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Skills

Strong : JavaScript (ES6+) | TypeScript | React | Redux | Node.js | Express.js | Axios | REST API | SQL | NoSQL | ODM | OOP
CI/CD | Git | Agile Development | OAuth | Tailwind | Material UI | SaSS/CSS | Vue.js | HTML5 | Babel | Electron | Jest
Experienced : AWS | Docker | Kubernetes | Test Driven Development | Travis-CI | Scrum | webpack | Netlify

Experience

ReacType   Software Engineer | open source | 2022 - 2023

- Refactored legacy code base to update the UI and address tech debt resulting in the deletion of ≈1000 lines of obsolete code.
- Delivered with Electron as a desktop application, utilizing Chrome's powerful engine to consistently deploy the front end regardless of the local operating system and allow access to low-level APIs with Node.js, such as the file system, for more secure data handling.
- Built React components to maintain an organized concise code base despite this application's many recurring DOM elements, and take advantage of React's flexibility and the wide range of supplemental UI frameworks.
- Employed D3.js to create hierarchy tree data visualizations of the user-created application to clarify operations and boost user comprehension.
- Implemented React Hooks to resolve latency issues in data visualizations resulting in fewer lines of code and the real-time render of user-initiated changes.
- Facilitated scalability with a centralized Redux state container, isolating errors, updating the state with predictable unidirectional actions, and improving developer readability within an immense code base.
- Spearheaded TypeScript integration to embrace the open source community while ensuring the code base integrity by encouraging static typing and supplying referential information in the large code base to streamline scaling for future developers.
- Utilized a MongoDB database with Mongoose to quickly develop dynamic data models and optimize server latency with horizontal scaling.
- Executed unit and integration testing with Jest to consolidate testing to one framework and run tests faster in parallel increasing application coverage by 80%.

Getty Center   Collection Management | 2019 - 2022

Los Angeles County Museum of Art   Collection Management | 2019

The Broad   Preparations | 2016 - 2019

Projects

OpenForge | custom mock data generator

- Leveraged React to create the single page application's reactive user interface with reusable components that store their respective logic ensuring a readable code base and manage the state with a predictable unidirectional flow of data.
- Secured application scalability with Node.js and Express.js to modularize backend logic architecture with middleware functionality.
- Built product with webpack to implement faster load times by utilizing hot module reloading and future maintainability.

Recent Talks and Publications

UX: Best Practices | Jenny + Bractlet + Codesmith Tech Talk
ReacType 14.0 | Medium article

Education

Codesmith Tech Accelerator | Certification
Winthrop University | Bachelor's Degree

Interests

Visiting art galleries | Walking the 'secret staircases' of LA | Surfing at San Onofre State Beach | Listening to live music | Eating sweets
Going to the movie theater | Schvitzing in the saunas of Korean spas | Cuddling my Siamese cats | Vintage clothes shopping