

KRISETTE MAREE ODEGARD

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TECHNICAL SKILLS

Strong: TypeScript, JavaScript (ES6+), React (Hooks), Node.js, Express, SQL databases, NoSQL databases, HTML, CSS, TailwindCSS, Git/GitHub
Experienced: React Router, Redux, Sass, testing (Jest, Supertest, React Testing Library, Puppeteer, WebdriverIO), Vite, accessibility (WAI-ARIA), Python, Electron, authentication (JWTs), MaterialUI, deployment (Docker, AWS, TravisCI), Agile Methodologies

OPEN SOURCE WORK

ghost | *Software Engineer*

AWS Lambda Metrics Visualizer | Aug 2022 - Present

- Utilized React's Context API to manage the propagation of data to various components to create cleaner code by avoiding repetitive prop drilling while allowing different components to easily change state
- Incorporated TypeScript by leveraging its strong/static typing and use of reusable interfaces to improve code readability
- Applied TailwindCSS to style the user interface and implement utility-first classes, resulting in easier code maintainability and quicker development
- Constructed Node.js/Express server for its single threaded, event-driven architecture and non-blocking I/O operations to handle HTTP requests with RESTful architecture to retrieve real time user data from AWS with increased performance
- Generated test AWS Lambda functions to replicate the target user's experience and extract real-time metrics such as errors, invocations, durations, throttles, and concurrent executions
- Performed unit and integration testing with Jest and Supertest to ensure proper code functionality and improve scalability of product
- Deployed product through Electron by creating MacOS and Windows distributables to promote cross-platform accessibility and expand the user base
- Developed under tech accelerator OS Labs

whatsnext | *Software Engineer*

Mood Journal & Goals Tracker | Aug - Nov 2022

- Built product with Next.js to leverage server-side rendering for an improved user experience and facilitate faster development by taking advantage of its hot module replacement
- Designed a relational SQL database to store users, goals, and journal entries for easy access to data while allowing for vertical scaling

Meet Me at the Spot | *Software Engineer*

Social Networking App | Aug - Nov 2022

- Iterated on a single-page application by expanding existing SQL database for storing and managing locations to include uploading photos for each location
- Implemented a user authentication workflow to securely hash sensitive input data prior to being stored in the database and creating storage sessions with cookies for persistent login

Welcome Home, Friend | *Software Engineer*

Lost Pet Tracker | Aug - Nov 2022

- Applied the MaterialUI component library through React to create a responsive user interface that facilitates modularity and reusability for easier code maintainability
- Integrated Express framework with Node.js to create an API to handle requests related to managing lost pet posts using the middleware design pattern to modularize code for simplicity and eloquence

Imagine | *Software Engineer*

Disney Trip Planner | Aug - Nov 2022

- Created a single-page application using React with Hooks by creating functional components and abstracting stateful logic from components for code reusability
- Implemented Sass to modularize stylesheets and decrease pollution of the global namespace by using variables and partials
- Architected a NoSQL database to enable faster development by easily storing and retrieving unstructured data such as trip dates and selected parks that may change from user to user

PUBLIC TALKS

CSS Libraries - Jeeny + Bractlet Speaker Series

2022

- Discussed the advantages and disadvantages of using different CSS libraries such as Bootstrap, Tailwind, Milligram, and Bulma

OTHER PROFESSIONAL EXPERIENCE

Registered Nurse

2016 - 2022

High Quality Hospice Care, Garden Grove Hospital, Harbor-UCLA Medical Center, LA County Public Health

- Collaborated with the interdisciplinary healthcare team, utilizing critical thinking & problem-solving skills, to provide optimal patient care

EDUCATION

Codesmith | Advanced Residency for Software Engineering

2022

Roseman University of Health Sciences | Bachelor of Science, Nursing

2016

INTERESTS

Visiting Disney parks all over the world (currently 3/6: Disneyland, Disney World, Tokyo Disney) | Playing MMORPGs (Level 90 Reaper + omni-crafter/gatherer in FFXIV) | Watching anime (all-time favorites: Demon Slayer, Cowboy Bebop)