PRAISE EMMANUEL

New York, NY

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TECHNICAL SKILLS

Languages and Technologies: TypeScript, JavaScript ES6+, React.js, Node.js, HTML5, SCSS, CSS, Redux, Express.js, NoSQL (MongoDB), Mongoose, React Testing Library, Jest, Supertest, Webpack, bcrypt, Kubernetes, Docker, RESTful APIs, Git, Github.
Certifications: CompTIA Security+

EXPERIENCE

Kubernét (Open Source Labs) [Kubernét Github](#)   **New York, NY**
Software Engineer   April 2023 - Present
- Collaborated with an agile team to develop an open-source product aimed at simplifying the visualization of **Kubernetes** cluster metrics such as CPU and memory utilization.
- Utilized **Prometheus'** native integration with Kubernetes for streamlined monitoring by retrieving essential cluster-level metrics, and leveraged **Grafana** to create interactive, user-friendly dashboards and dynamic visualizations of Kubernetes cluster metrics.
- Utilized **React** to create reusable front-end components, achieving easier maintainability and modularization, while enforcing one-way data flow in line with Flux architecture.
- Implemented **React Hooks** for efficient state management, reusable stateful logic, integration with React, and handling asynchronous API calls.
- Utilized **React Router** to establish routes in the application, enabling seamless navigation across pages without requiring page refreshes, while optimizing rendering performance through minimal network requests.
- Implemented comprehensive **unit** and integration front-end tests using **React Testing Library** and **Jest** to verify UI rendering, user interactions, and application behaviors, ensuring the maintainability of the codebase. Additionally, conducted server-side testing with **Supertest** to validate backend functionality, ensuring adherence to requirements and the development of scalable and maintainable code.
- Built a **Node.js/Express** server to efficiently handle multiple HTTP requests to various endpoints, implementing the middleware design pattern for modularization and serialization, facilitating efficient database communication, and utilizing routers and controllers to enhance code readability, enable easy debugging, and establish a discernible chain of responsibility.
- Utilized **Webpack** to efficiently bundle JavaScript and static assets, optimize performance, enable hot module replacement, transpile ES6+, and manage complex dependencies for seamless deployment of web applications.
- Leveraged **MongoDB's** flexible and scalable data model for efficient storage and management of data, ensuring seamless retrieval and storage with horizontal scalability and high-performance capabilities.
- Implemented **bcrypt** to securely hash and store passwords during user account creation, preventing brute-force attacks.
- Integrated **SCSS** to modularize application code, eliminate the need for unique class names, streamline styling, and ensure consistent design patterns across pages and components.

Optimum Healthcare IT | Medsys Group | Deliver Health   **Nyack, NY | Lewisburg, PA | Langhorne, PA**
Epic Systems ATE Support (contract)   October 2022 - April 2023
- Expert at the Epic systems software, offering real-time assistance, troubleshooting, and guidance to optimize proper software utilization.

PROJECTS

Code Snippets (Open Source)   **github.com/praisepelumi/Code-Snippets/tree/dev**
Software Engineer
- Iterated on and enhanced legacy codebase for Code Snippets, a code storage tool, enabling efficient code reuse and boosting developer productivity.
- Performed comprehensive **unit tests** utilizing **Jest** and **React Testing Library** to verify the correct rendering of components on the UI
- Implemented server-side testing using **Supertest** to validate **API** endpoints and ensure robust functionality and reliability.
- Revamped the database architecture with **MongoDB**, optimizing horizontal scaling capabilities and enhancing overall efficiency.

MonDinero (Open Source)   **github.com/Mondinero/MonDinero**
Software Engineer
- An intuitive, visually-driven expense tracking and budget management solution built with **React** and **Redux Toolkit.**
- Utilized **React** and **Redux Toolkit** to develop reusable front-end components and establish a centralized store for streamlined maintenance, enhanced modularity, and efficient state management.
- Retrieved user expenses and transactions utilizing the **Plaid API.**

Callstack (Open Source)   **github.com/Tasselled/CallStack**
Software Engineer
- A web-based platform enabling software developers to connect and collaborate seamlessly.
- Used **React** to construct reusable components, fostering streamlined maintenance and modularity.
- Utilized **Redux Toolkit** to streamline state management by implementing a centralized store, simplifying Redux development, eliminating prop drilling, and enhancing state access throughout the application.

EDUCATION

Codesmith *Advanced Residency for Software Engineering*   April 2023 - July 2023
Binghamton University *Bachelors Degree*   Jan 2016 - May 2018

ACTIVITIES AND INTERESTS

- I enjoy playing the guitar, and piano, and listening to live music. I like cooking, trying new restaurants, interior design, and traveling to new places to eat local food. I am currently learning Spanish.