WING NIN CHEUNG "RICKY"

SOFTWARE ENGINEER

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SKILLS

- JavaScript | Python | TypeScript | SQL | HTML | CSS | React| Redux| Flask| Node.js | Tailwind
- Next.js | Express.js | PostgreSQL | MongoDB | Git | Playwright | AWS | SQLAlchemy | Mongoose | Sequelize | Jira
- Docker | RESTful API | OOP | Unit Testing | Agile/Scrum | CI/CD | Frontend | Backend | Full-Stack

EXPERIENCE

Full-Stack Engineer Intern   May 2023 - Present
JamsNext   Remote
- Developed a robust drag-and-drop feature using **Next.js, TypeScript**, and dnd-kit that allowed users to seamlessly rearrange elements, resulting in a more intuitive and interactive interface and a significant 20% increase in user engagement.
- Collaborated with designers to translate their vision from Figma into visually appealing and pixel-perfect user interfaces, implementing web page styling using **Tailwind CSS.**
- Engaged closely with senior developers and project managers to ensure on-time project delivery, actively participating in code reviews to provide valuable feedback on code quality.

Computer Science Expert AI Trainer   Jun 2023 - Present
Scale AI /Remotasks   Remote
- Analyzed and evaluated code generated by Scale AI's **Large Language Model** (LLM) to evaluate its quality and functionality in web applications, AI, and data structures and algorithms using Python, JavaScript, and HTML.
- Proactively identified and communicated issues related to syntax, algorithms, runtime, and code explanations, resulting in substantial improvements in performance, accuracy, and overall effectiveness.

PROJECTS

Amasport - An Amazon clone app allowing users to browse, review and checkout products   Live Site | Github
- Leveraged **React**, **Flask**, and **PostgreSQL** to create a dynamic shopping experience with Full CRUD functionality for carts, orders, and reviews.
- Improved user experience with **redux-thunk** middleware to handle asynchronous actions in **Redux**, such as fetching products data, adding products in carts and submitting reviews without page reloads.
- Implemented a dynamic delivery status feature with **useEffect** hook in React that adjusts based on the order time of the users, resulting in an improved user experience and demonstrating attention to detail.

Wecord 2.0 - A chat app allowing users to chat in real-time on different servers and channels   Live Site | Github
- Designed various **RESTful APIs** and **React** components for logged-in users to perform full CRUD operations on servers, channels, and messages, resulting in a 30% increase in user satisfaction and engagement.
- Implemented **Socket.io**-based live chat technology to enable real-time communication across 20+ servers and channels, resolving real-time issues proactively.
- Diagnosed and resolved 20+ critical bugs independently related to instant messaging and message editing, utilizing exceptional debugging skills to minimize user impact.

EDUCATION

Immersive Software Engineering Program - App Academy, CA   Aug 2022
B.S in Applied Mathematics - San Jose State University, CA   *2019*