WING NIN CHEUNG "RICKY"

SOFTWARE ENGINEER

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SKILLS

- JavaScript | Python | TypeScript | SQL | HTML | CSS | React| Redux| Flask| Node.js
- 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
- Design and develop responsive and scalable web applications using **Next.js**, **TypeScript** and **.NET**, resulting in a 20% increase in user engagement.
- Implement drag-and-drop functionality using **dnd-kit** with a forward-only restriction, preventing users from dragging backwards and ensuring data integrity and accuracy.
- Collaborate closely with senior developers, designers, and project managers to ensure on-time delivery of projects while participating in code reviews to provide feedback on code quality and identifying opportunities to improve development practices.

Computer Science Expert AI Trainer   Jun 2023 - Present
Scale AI /Remotasks   Remote
- Analyze 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. Languages used include Python, Java, JavaScript, and HTML.
- Significantly contribute to the enhancement of the AI's code-related responses by evaluating and rating responses from multiple models.
- Proactively identify and communicate 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*