Jackson Wang

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Portfolio | GitHub

EDUCATION

UNIVERSITY OF TECHNOLOGY SYDNEY   March 2019 - March 2024 (EXPECTED)

Bachelor of Business Bachelor of Science in Information Technology

EXPERIENCE

GECKO.RENT | Full Stack Software Development Intern   April 2023 – September 2023

- Orchestrated a homepage redesign project, incorporating user-centric design principles and streamlining user experience, which led to a significant uptick in engagement rates by 14% over the course of one week using React and Next.js.
- Developed and launched a compelling business landing page with a modern look, optimizing user experience, which led to a 10% increase in conversion rates.
- Enhanced the user experience by introducing dynamic search filters that adapt to each category page, providing users with relevant and category-specific filtering options, resulting in a 20% increase in user engagement and improved product discovery.
- Streamlined the user experience by introducing an estimate delivery component directly on product pages, eliminating the need for users to navigate through the checkout process to check delivery rates, resulting in a reduction of abandoned carts and a more efficient shopping experience.
- Worked with ReactJS, Next.js, Express.js, MongoDB, Node.js, GraphQL, Apollo GraphQL and Tailwind CSS.

SKILLS

Programming Languages	TypeScript, JavaScript, HTML, CSS, Python, Java, SQL, C
Libraries/Frameworks	ReactJS, Node.js, Next.js, Express.js, Tailwind CSS
Tools / Platforms	Git, Docker
Databases	MongoDB, PostgreSQL, MySQL

PROJECTS / OPEN-SOURCE

STEAM TRACKER | Link   TypeScript, ReactJS, Tailwind CSS, Next.js

- Developed a personal project to create a Steam game platform tracker that enabled users to monitor their play times, achievements, and friends activity, enhancing the gaming experience.
- Utilized Next.js, ReactJS, and TypeScript to build a responsive and highly interactive web application that ensured a seamless user experience.
- Integrated the Steam Web API to fetch data for over 5,000 unique Steam games and provided users with real-time updates on their friends activities.

LOGIN AUTHENTICATION | Link   TypeScript, ReactJS, Tailwind CSS, MongoDB, Node.js

- Developed a robust web application from the ground up, utilizing the MERN (MongoDB, Express.js, ReactJS, Node.js) stack, including authentication and authorisation for a seamless and efficient user experience.
- Implemented cookie session authentication to ensure secure and user-friendly login functionality, enhancing user data protection and privacy.
- Employed Tailwind CSS to streamline and expedite the UI development process, ensuring a modern and responsive user interface for the web application.