Kenneth Renz A. Tegrado

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WORK EXPERIENCE

Full-Stack Developer   September 2022 - March 2024
DigitalCreatives

Relevant Technologies: JavaScript, React.js, Express.js, Vue.js
- Delivered 19 different translations of a client's main entry page for their web application in 3 weeks to allow localization based on geolocation and improve SEO and user experience.
- Responsible for creating a continuous deployment pipeline for applications hosted on online repositories.

Full-Stack Developer   February 2022 - September 2022
TeachShare Philippines

Relevant Technologies: React.js, Next.js, Firebase 9 SDK, Tailwind CSS, TypeScript
- Implemented React Context to standardize the propagation of props from any component and optimized unnecessary re-renders of the application through a memoized distribution of states.
- Administered the interface in TypeScript to generate the responses from the API to reduce bugs in data fetching through a standardized format.
- Developed over 20 UI components from Figma to React.js using Tailwind CSS in 2 weeks.
- Remodeled 15 callback functions for authenticating user sign-up and log-in using ES6 asynchronous function to fix callback hell and create a readable code for six developers.
- Migrated email functions from a web service layer to the front end using Email.js and reduced the number of functions implemented by the backend.

Software Engineer Intern   December 2021 - February 2022
Quicklink Philippines

Relevant Technologies: React.js, Next.js, Django 3, JWT, SASS, Styled-Components, JavaScript
- Supervised the migration of static assets served by the webserver to a frontend service layer using Next.js and significantly reduced the development time from 3 months to 1 month.
- Devised an algorithm to throttle requests from the client side to the Django REST API server using React.js packages and minimized the number of requests on search functions.
- Oversaw the development of new UI components from Figma to React.js using Styled-Components and delivered more than 30 responsive and animated components in 1 month.
- Installed state persistence on the merchant side of the application to persist data after reload and diminished the total loading time on the client side.

FREELANCE PROJECTS

Weblead Lead Generation Application   2023

Relevant Technologies: Vue.js, Vultr, Express.js, JavaScript, NGINX, GitHub Actions
- A Full-Stack Lead Generation platform built for tracking the activity of leads of businesses developed for a company based in the United Arab Emirates.

URSHRT E-Commerce Application   2023

Relevant Technologies: React.js, Next.js, Shopify Storefront, Tailwind, Vercel, TypeScript, SQL
- A Full-Stack E-Commerce Application integrated with Shopify's Storefront technology for a personalized shirt printing business based in California.

MyLittlePlant E-Commerce Application   2022

Relevant Technologies: React.js, Next.js, Sanity.io, Tailwind, Vercel, TypeScript
- A Full-Stack E-Commerce Application built with a dedicated content management system using Sanity.io to create a prototype to help small businesses kickstart their online platform.

EDUCATION

UNIVERSITY OF THE PHILIPPINES LOS BAÑOS   2021 - Present
Bachelor of Science in Computer Science

Honors and Awards: University Scholar, DOST-SEI Undergraduate Scholar, Official Competitive Programming Team
Organization: Alliance of Computer Science Students

SKILLS

Programming languages: JavaScript, TypeScript, C, C++, Python
Coding Languages: HTML5, CSS
Technical Skills: React.js, Node.js, Next.js, Express.js, MongoDB, Git, GitHub, Flutter, PostgreSQL