Nguyen Trong Nhan

Front-end Engineer

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About Me

Have 2 years of hands-on experience in frontend development with ReactJS, TailwindCss and graduated with a degree in Software Engineering. Adept at translating design concepts into functional and visually appealing websites. Desire to leverage my technical skills and collaborative mindset to contribute effectively to business innovation projects.

Technical Skills

- **Front-end**: HTML/CSS, Javascript, TypeScript, ReactJs, Redux, Tailwind, Material UI
- **Back-end**: NodeJS, Express , NestJs
- **Tools:** Git, Sentry, Clickup
- **Service:** AWS Amplify, AWS S3, AWS EC2, AWS IAM, Cloudflare

Education

Posts and Telecommunications Institute of Technology

Aug 2018 -Jun 2023

Software Engineer

Graduated on time from a regular university training program in information technology majoring in software technology

Work Experience

Wonder Human Resource & Axpara
Frontend Engineer - Fulltime   **May 2022 - Present**

Demonstrate strong problem-solving abilities involves researching libraries, scrutinizing their algorithms, and tailoring them to align with company projects, ultimately contributing to the successful implementation of the company's initiatives.
Participated in brainstorming sessions and provided innovative solutions to technical challenges, leading to the adoption of new technologies and improved development workflows.
Collaborated with product managers, designers and back-end developers to translate requirements into technical specifications, ensuring timely and successful project deliveries
Reduced website's loading time by 50% through optimizing image assets, upload images and implementing lazy loading techniques, leading to improved user experience and a 15% decrease in bounce rate

ScaleMind Research Community
Frontend Development Intern - Parttime   **Nov 2021 - Apr 2022**

Participate in code reviews and provide valuable feedback, reduce errors, and improve code quality.
Participate in brainstorming sessions and come up with creative solutions to technical challenges
Collaborate with the UX/UI team to optimize the user interface, improving overall user satisfaction.
Participate in creating user interfaces based on the design of the UI/UX team

Project

Claritas | claritas.app   **Aug 2022 - Nov 2023**
Company project

Website for quality control of high-rise buildings by processing cross-sectional images of buildings taken by drones. The main users are the companies that own or maintain buildings and the building maintenance engineers of those companies. Users can annotate images, update repairs, manage buildings and export aggregate reports.
Front-end uses: ReactJs, Tailwind css, Redux thunk and libraries that handle annotations on images(react-image-annotate) as well as export reports in world, excel, pdf formats(docx, react-csv, pdfmake).
Back-end use: NestJs, MySQL. Hosting services AWS amplify, AWS S3.
The requirements I handled in the project:
- When starting the project, I searched and researched free libraries that support creating annotations directly on images and found the right library.
- Create user interface based on figma design.
- Use and customize image annotation support libraries
- Collaborate with Back-end team to connect APIs and services.
- Optimize image upload time to AWS S3 service.
- Secure handling with JWT token and refresh token.
- Export data reports and images to word, excel and power point.
- Handles Research how to export annotations and crop images (not supported by the library) using canvas on both the front-end and back-end, thereby completing the image report export function and optimizing latency.
- Collaborate with the AI team to train and apply AI to automate image processing operations

Tagrise | tagrise.com

Company project

Website connecting jobs between businesses, organizations and influencers (KOLs) on social networking platforms Instagram, Tiktok, Youtube,... Customers can post requests for cooperation and tasks to be performed. The influencers will handle those tasks and receive wage through the built-in virtual wallet. Websites allow the creation of electronic wallets and bank links to perform payment transactions.

I resolved the problem of communication between two client rolesand connecting the services to the website. Front-end used: ReactJs, TailwindCSS, Redux and services like: Wallex, Directus, Jumio, Stripe, Rudder, Clevertap.