TUNG PHAM

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SKILLS

Languages: TypeScript, JavaScript, HTML, SASS/SCSS, Python.

Tools: VS Code, Cursor, Git, GitHub, GitLab, Jira, Confluence, Figma

Technologies: ReactJS, NextJS, NestJS, GraphQL, RestAPI, Redux, Recoil, React Query, Socket.io, Vite, Webpack

WORK EXPERIENCE

ReactJS Developer — **Mar 2025 - Present**

Saigon Technology — **HCMC, Vietnam**

Project: Deal Health AI (B2B SaaS platform that revolutionizes sales deal qualification and management through AI-powered assessments and predictive analytics)

Responsible:

- Integrated Clerk authentication with multi-factor authentication and session management.
- Implemented role-based access control with granular permissions system.
- Integrated Stripe payment processing with support for multiple payment methods (cards, PayPal).
- Built interactive onboarding tours with multi-step guided experiences.
- Implemented Word document generation using Docx library for AI-generated reports.
- Built audit log detail views with comprehensive change history and context information.
- Built multi-step dynamic form with auto saving features.
- Integrated AI chatbot for document editing, formmating and content enhancement based on user feedback.

Front End Developer — **Oct 2024 - Feb 2025**

Arobid (arobid.com) (E-commerce Industry) — **HCMC, Vietnam**

Product: B2B digital ecosystem of E-commerce, Online expo and conference, and CSR.

Responsible:

- Led the front end development of a custom admin portal to manage data of all ecosystem.
- Built a VR 360° media viewer core feature.
- Built large complex forms containing over 50 input fields with nested sections, multiple file uploads, and dynamic field dependencies.
- Implemented localization support for a multi-language website, hence expanding the customer base.

Front End Developer — **Jan 2021 - Mar 2024**

Impact Technical Resources - ITR VN (itrvn.com) (Healthcare Industry) — **HCMC, Vietnam**

Project: Digital Health platform for doctors and patients and Admin portal (devices, facilities, user, invoices...) .

Responsible:

- Led the front end development of a data labeling tool for a heartbeat detection model.
- Led the front end development of a patient report processing application, hence optimizing physician workload and processing time.
- Upgraded the UI and added new ECG and Heart rate visualization tool features using Canvas API.
- Collaborated with BA and UI/UX team to develop a reusable React UI library based on the product design system.
- Assisted in migrating legacy code from React Class Components to Functional Components.
- Implemented localization support for a multi-language website, hence expanding the customer base.
- Worked on ReactJS project with a huge legacy source code.
- Optimized the performance of several projects by using technique like caching, lazy load, dynamic import, minification,....

Achievement: Played a role as one of the core developers in team.

PROJECTS

Windows Simulator ⤢ — **Jun 2024 - Present**

Description: A web app that replicates the appearance and functionality of Windows OS.

Features:

- Client-side file system write to IndexDB.
- Interactive folder, file and window (drag, drop, context menu, copy, delete, add, open, sort...).
- Interactive taskbar, calendar, clock, start menu.
- Client-side search file index using Lunr.
- Wallpaper (picture, video, animation) using WebWorker and OffscreenCanvas.
- Apps (Photos Viewer, PDF Viewer, Video Player,...).

Tech stack: NextJS, TypeScript, React Context, BrowserFS, PDFJS, VideoJS, TailwindCSS, AWS (Route 53, Amplify),...

CERTIFICATIONS

TOEIC Listening and Reading with score 830 / 990 (L: 470 - R: 360) by **IIG Vietnam**

EDUCATION

Bachelor of Science in Computer and Embedded Systems   **Sep 2017 - Sep 2021**

VNUHCM University of Science - Faculty of Electronics and Telecommunications   **GPA:** 7.75 / 10

    Graduation thesis: Real-Time Vietnam Traffic Sign Detection on Jetson Nano. (Grade: 9 / 10)