

# 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

<b>ReactJS Developer</b> Saigon Technology	Mar 2025 - Present HCMC, Vietnam
<b>Project:</b> Deal Health AI (B2B SaaS platform that revolutionizes sales deal qualification and management through AI-powered assessments and predictive analytics)	
<b>Responsible:</b>	<ul style="list-style-type: none"><li>Integrated Clerk authentication with multi-factor authentication and session management.</li><li>Implemented role-based access control with granular permissions system.</li><li>Integrated Stripe payment processing with support for multiple payment methods (cards, PayPal).</li><li>Built interactive onboarding tours with multi-step guided experiences.</li><li>Implemented Word document generation using Docx library for AI-generated reports.</li><li>Built audit log detail views with comprehensive change history and context information.</li><li>Built multi-step dynamic form with auto saving features.</li><li>Integrated AI chatbot for document editing, formmating and content enhancement based on user feedback.</li></ul>
<b>Front End Developer</b> Arobid ( <a href="https://arobid.com">arobid.com</a> ) (E-commerce Industry)	Oct 2024 - Feb 2025 HCMC, Vietnam
<b>Product:</b> B2B digital ecosystem of E-commerce, Online expo and conference, and CSR.	
<b>Responsible:</b>	<ul style="list-style-type: none"><li>Led the front end development of a custom admin portal to manage data of all ecosystem.</li><li>Built a VR 360° media viewer core feature.</li><li>Built large complex forms containing over 50 input fields with nested sections, multiple file uploads, and dynamic field dependencies.</li><li>Implemented localization support for a multi-language website, hence expanding the customer base.</li></ul>
<b>Front End Developer</b> Impact Technical Resources - ITR VN ( <a href="https://itr.vn">itr.vn</a> ) (Healthcare Industry)	Jan 2021 - Mar 2024 HCMC, Vietnam
<b>Project:</b> Digital Health platform for doctors and patients and Admin portal (devices, facilities, user, invoices...) .	
<b>Responsible:</b>	<ul style="list-style-type: none"><li>Led the front end development of a data labeling tool for a heartbeat detection model.</li><li>Led the front end development of a patient report processing application, hence optimizing physician workload and processing time.</li><li>Upgraded the UI and added new ECG and Heart rate visualization tool features using Canvas API.</li><li>Collaborated with BA and UI/UX team to develop a reusable React UI library based on the product design system.</li><li>Assisted in migrating legacy code from React Class Components to Functional Components.</li><li>Implemented localization support for a multi-language website, hence expanding the customer base.</li><li>Worked on ReactJS project with a huge legacy source code.</li><li>Optimized the performance of several projects by using technique like caching, lazy load, dynamic import, minification,....</li></ul>
<b>Achievement:</b> Played a role as one of the core developers in team.	

## PROJECTS

<b>Windows Simulator</b> ↗	Jun 2024 - Present
<b>Description:</b> A web app that replicates the appearance and functionality of Windows OS.	
<b>Features:</b>	<ul style="list-style-type: none"><li>Client-side file system write to IndexDB.</li><li>Interactive folder, file and window (drag, drop, context menu, copy, delete, add, open, sort...).</li><li>Interactive taskbar, calendar, clock, start menu.</li><li>Client-side search file index using Lunr.</li><li>Wallpaper (picture, video, animation) using WebWorker and OffscreenCanvas.</li><li>Apps (Photos Viewer, PDF Viewer, Video Player,...).</li></ul>
<b>Tech stack:</b> 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

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**Bachelor of Science in Computer and Embedded Systems**

VNUHCM University of Science - Faculty of Electronics and Telecommunications

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

**Sep 2017 - Sep 2021**

**GPA:** 7.75 / 10