

# PHAN NHAT LOI

## Frontend Engineer

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### PROFESSIONAL SUMMARY

Frontend Engineer with 4+ years of experience developing cross-platform mobile and web applications using React Native, ReactJS, NextJS, and TypeScript.

Experienced in building scalable user interfaces, integrating complex business workflows, optimizing application performance, and collaborating with backend teams through REST APIs and WebSocket communication.

Delivered multiple production systems across travel, education, CRM, logistics, and AI-powered platforms.

### TECHNICAL SKILLS

Frontend: ReactJS, NextJS, TypeScript, JavaScript

Mobile: React Native, App Store Deployment, Google Play Deployment, IAP

UI Frameworks: TailwindCSS, Ant Design, MUI

Tools: Git, Postman, Firebase, Sentry, Radon IDE debug, Swagger/Postman

AI Integration: Prompt Engineering, AI APIs, Speech-to-Text, AI-powered Workflows

### WORK EXPERIENCE

#### Wala ICT — Front-end Developer (Jul 2025 – Present)

- Developed mobile and web applications for travel and online learning platforms using React Native and ReactJS.
- Built travel app features including AI-powered trip planning, reel-style content feeds, video preloading, thumbnail optimization, and performance improvements.
- Worked with third-party services such as Travelport for flight booking workflows and system integration.
- Developed LMS web client features including identity verification, authentication integrations (PortOne, Danal, KG), mOTP integration, and Kakao Map API services.
- Collaborated with backend teams and participated in designing scalable user flows and real-world business processes.
- Tech stack:** React Native, ReactJS, TypeScript, Kakao Map API, PortOne, Travelport APIs

#### ZenS Company — Fullstack Developer (Apr 2024 – Jun 2025)

- Developed mobile and web applications using React Native, ReactJS, and NestJS.
- Built responsive UI and optimized application performance using pagination, lazy loading, and React hooks optimization.
- Integrated AI-powered features, speech-to-text services, and realtime communication using WebSocket.
- Implemented in-app purchases (IAP) and participated in App Store / Google Play release processes.
- Collaborated in Agile/Scrum teams and maintained API documentation using Swagger and Postman.
- Tech stack:** React Native, ReactJS, NestJS, WebSocket, Firebase, Google Cloud Speech-to-Text

#### eCaraid Company — Front-end Developer (Sep 2021 - Jan 2024)

- Developed scalable CRM and consumer-facing applications using ReactJS, NextJS, and TypeScript.
- Built reusable, responsive, and pixel-perfect UI components from Figma designs.
- Optimized frontend performance and SEO through lazy loading, code refactoring, and rendering optimization techniques.
- Worked closely with backend teams and designers in Agile/Scrum environments using Git workflow and code review practices.
- Maintained scalable frontend architecture with TypeScript, ESLint, and modern UI frameworks.
- Tech stack:** ReactJS, NextJS, TypeScript, TailwindCSS, MUI, Ant Design, Framer Motion

# HIGHLIGHT PROJECTS

## WISEBuddy App - Mobile Developer

AI-powered English learning mobile application focused on real-time speaking and listening practice through interactive conversations.

**Tech:** React Native, Speech-to-Text, Text-to-Speech, AI APIs

- Built learning interfaces and interactive training modes including dialogues, quick responses, and vocabulary practice.
- Integrated AI APIs to generate dynamic conversations and interpret user voice input.
- Optimized voice recognition accuracy and improved overall user experience.
- Impact: Built and maintained the application throughout the full development lifecycle, from feature implementation to App Store and Google Play release.

App store: <https://apps.apple.com/vn/app/wise-buddy-english/id6755937295>

ChPlay: [https://play.google.com/store/apps/details?id=vn.edu.wise\\_mobile](https://play.google.com/store/apps/details?id=vn.edu.wise_mobile)

## EDENHUB - Mobile Developer

Smart agriculture management platform designed to help farmers manage crop seasons, monitor farm activities remotely, and improve agricultural traceability through digital workflows and AI-powered recommendations.

**Tech:** ReactJS, TypeScript, Google Maps API, Google Places API

- Developed farm management and crop planning interfaces for monitoring production activities and seasonal workflows
- Integrated Google Maps and Places APIs for location management, farm mapping, and geographical search features
- Built QRCode-based traceability workflows to provide transparent agricultural product origin and production history
- Contributed AI-assisted recommendation features supporting smart farming and operational decision-making
- Delivered responsive CMS interfaces used for remote farm monitoring and daily agricultural management operations

App store: <https://apps.apple.com/vn/app/eden-hub/id6451351715>

ChPlay: <https://play.google.com/store/apps/details?id=com.edenhub.farm.app>

## RKD System - Fullstack Developer

Real-time operational management platform developed for a Japanese company to replace complex Excel-based workflows and improve data accuracy across teams.

**Tech:** ReactJS, NestJS, WebSocket

- Built a centralized system to manage operational workflows and large-scale shared datasets.
- Implemented real-time synchronization and row-level locking mechanisms to prevent data conflicts during concurrent user operations.
- Developed role-based access control (RBAC), interactive dashboards, and reporting features for transparent operational tracking.
- Designed an audit history functionality to track data changes and improve process transparency.
- Deployed the platform as an internal production system used for daily operational management.

Link: <https://rkd-system.com/>

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# EDUCATION

## Bachelor of Information Technology - Software Engineering

**GPA:** 7.42/10

Received Academic Encouragement Scholarship for Semester 2, 2017, with a GPA of 8.02

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# CERTIFICATIONS

## IT Passport Examination (IP)

VITEC / JITEC Equivalent Certification (Jun 2019)