

Pham Vu Tinh

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PROFESSIONAL SUMMARY

Senior Frontend Engineer with 7+ years of experience architecting React and TypeScript SaaS applications used by thousands of businesses. Owned frontend architecture across 35+ modules, guided 3–5 engineers, and delivered high-performance real-time and geospatial interfaces using WebGL, Web Workers, GraphQL, and Socket.IO.

WORK EXPERIENCE

Senior Frontend Engineer — Nam Long Software (Product: GorillaDesk)

Aug 2020 – Jun 2026

- Architected GorillaDesk's React and TypeScript frontend platform from the ground up, establishing Redux and GraphQL patterns that supported expansion to 35+ modules used by thousands of businesses while providing technical guidance to 3–5 engineers.
- Enabled dispatch teams to assign and reschedule jobs collaboratively with instant updates by building a real-time scheduling system with FullCalendar and Socket.IO.
- Sustained 60 FPS during continuous location updates by rendering the live tracking map with WebGL and moving data processing to Web Workers.
- Enabled field-service teams to create and save visual property estimates by extending Mapbox GL Draw with 9 custom editing modes and Turf.js calculations for instant area and distance measurements.
- Enabled GorillaDesk customers to automate targeted email and SMS campaigns and monitor results in-product by delivering MailStream with React and GraphQL.
- Cut feature analysis, project setup, and test-generation time by approximately 25% by introducing an AI-assisted development workflow and standardizing reusable component and testing patterns.

Junior Frontend Developer — NhiemVu

Jun 2019 – Jul 2020

- Delivered end-to-end booking, assignment, tracking, and completion workflows across web and mobile using React, Redux, and React Native, enabling customers and agents to manage the complete service lifecycle.
- Improved frontend stability by refactoring legacy modules and partnering with backend and microservices teams to diagnose and resolve recurring production defects.

Frontend Developer Intern — CanhCam Agency

Jun 2018 – Aug 2018

- Built responsive client websites from UX wireframes using HTML5, CSS3, and JavaScript, delivering consistent interactions across desktop and mobile browsers.

SKILLS

Core Frontend: JavaScript, TypeScript, HTML5, CSS3/SASS

Frameworks & State: React, Next.js, Redux, Redux-Saga, TanStack Query (React Query)

Performance & Real-Time: WebGL, Web Workers, Virtualized Rendering, Socket.IO, MQTT

Maps & Geospatial: Mapbox GL JS, Mapbox GL Draw, Turf.js

APIs & Data: GraphQL, Apollo Client, REST APIs

Testing: Vitest, Playwright

EDUCATION

Web Design Program — FPT Education

- Coursework: Responsive Web Design, UI/UX, JavaScript, HTML5/CSS3, PHP, and SQL.

LANGUAGES

- **English:** Intermediate working proficiency; used for technical discussions, code reviews, and documentation.