

LE DUY LINH

Frontend Engineer | Performance & UI/UX Enthusiast

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SUMMARY

Frontend Developer with 5+ years of building high-performance, scalable web applications using the ReactJS ecosystem. Experienced in optimizing performance, tackling complex UI challenges, and enhancing user experience (UI/UX). Seeking innovative projects focused on performance, UI/UX, and exploring AI applications.

SKILLS

- Frontend:** ReactJS, Next.js, AngularJs, Remix, JavaScript (ES6+), TypeScript, HTML5, CSS3, Tailwind CSS, Mantine UI, Ant Design, Zustand, MobX-React, TanStack Query/Virtual, Plotly.js, SignalR Client
- Backend:** Node.js, Express.js, PHP, .NET Core
- Databases:** PostgreSQL, MongoDB, MySQL, DynamoDB, Elasticsearch, Prisma ORM
- Testing:** Playwright, Jest
- Cloud & DevOps:** AWS (S3, CloudFront, EC2), Azure DevOps, Vercel, Firebase, Docker (basic understanding implied)
- Tools & Concepts:** Git, Jira, Nx Workspace, Vite, REST APIs, Monorepo Architecture, Performance Optimization, UI/UX Principles, Agile Methodologies, Micro-SaaS development

WORK EXPERIENCE

Your.rentals - Skane, Malmö

May 2023 - Present

FRONTEND ENGINEER

- Project: Your.rentals

- UX & Conversion Optimization:** Collaborated closely with Product, PO, and Design teams, analyzing user behavior to implement targeted UX enhancements, boosting the signup-to-first-booking conversion rate **from 13% to 56%**.
- Calendar Performance Overhaul:** Re-architected and built highly scalable multi/single calendar views using React Query & Tanstack Virtual, increasing manageable property scope **from ~1k/1yr to >100k/3yrs**.
- Legacy Modernization:** Pioneered the integration of React components into performance-critical sections of the legacy AngularJS application.
- Development Efficiency:** Established a shared component library with Mantine UI in an Nx Monorepo; authored robust test suites (Playwright, Jest) achieving **85%** coverage.
- Mobile & Team Contribution:** Maintained and published the React Native application; conducted technical interviews for prospective hires.

VMO Holding - Hanoi, Vietnam

Dec 2021 - Apr 2023

- **Technologies Used:** ReactJS, React Query, Tanstack Virtual, Mantine UI, Nx Workspace, Zustand, Vite, Playwright, Jest, Jira, React Native (Maintenance)

FRONTEND DEVELOPER - TEAM LEADER

- Project: ASSET-ANALYTIC (Machine Learning System) - (Team Leader Role - 1 year 1 month)

- **Team Leadership & Delivery:** Led a team of 6 developers building a platform for data experts, managing tasks and progress reporting to PM/PO for an IoT/Machine Learning analytics system.
- **Core Platform Development:** Designed and implemented key dashboard features enabling visualization of massive IoT datasets (tables handling millions of rows, charts, heatmaps) and management of ML model training workflows.
- **Performance Optimization:** Significantly improved large chart loading performance by implementing a .txt file download mechanism for datasets, drastically reducing API timeouts and failures compared to direct API calls.
- **Workflow Automation Tool:** Co-developed an intuitive drag-and-drop workflow builder (Ex: data ingest -> normalize -> predict -> notify) with real-time node validation, **reducing workflow setup time by an estimated 50%.**
- **Mentorship:** Mentored and trained 10 interns on software development best practices, ReactJS, and project-specific technologies.

- Project: ASSET-MANAGEMENT (Device Metric Management) - (3 months)

- **Performance Consulting:** Provided technical consultation and solutions focused on optimizing the performance of charts and table views displaying large datasets.
- **Feature Contribution:** Supported development by building features for real-time device monitoring (SignalR) and implementing permission-based UI controls.

- **Technologies Used:** ReactJS, SignalR Client, PlotlyJS, MobX-React, Ant Design, Azure DevOps

Bright Software Solution -
Hanoi, Vietnam

May 2020 - Dec 2021

FULL-STACK DEVELOPER

- Gained foundational full-stack experience developing web applications using ReactJS alongside backend services (PHP, .NET Core, Node.js).

- Project Contributions:

- **MARIO (School Management System - 1 year):** Built core portal modules (Admin, Teacher, Parent, Student) and backend APIs using .NET Core Entity Framework and MSSQL.
- **nJoyShow (Movie Information App - 4 months):** Developed backend services (Node.js/Express.js, MongoDB), integrated Agolia Search, and implemented user authentication & multi-language features.
- **PUBLIC INSIGHT (Business News Site - 5 months):** Created custom WordPress blocks/admin modules syncing data with a Laravel backend API.

- **Technologies Used:** ReactJS, PHP, .NET Core, Node.js, Express.js, Laravel, WordPress, Elasticsearch, MSSQL, MongoDB, Agolia Search, Firebase, AWS, REST APIs

PERSONAL PROJECTS

SnapOG - Dynamic Open Graph Image Generator

Jul 2024 - Present

Team size: 1

Website: snapog.com

SOFTWARE ENGINEER

- Developed and deployed a Micro-SaaS application allowing users to generate dynamic Open Graph images for their websites automatically based on URL parameters.
- Architected the solution using Next.js for the frontend and API routes, Prisma with PostgreSQL for data management, and Shadcn UI for the user interface.
- Implemented image generation logic using Playwright running in a dedicated service worker on AWS EC2.
- Utilized AWS S3 for image storage and CloudFront CDN for optimized delivery.
- Integrated Polar.sh for potential future monetization.
- Deployed the application via Vercel.

- **Technologies Used:** Next.js, ReactJS, TypeScript, PostgreSQL, Prisma, Shadcn UI, AWS (EC2, S3, CloudFront), Vercel, Node.js, Polar.sh

EDUCATION

Dec 2016 - Apr 2021

HANOI UNIVERSITY OF SCIENCE AND TECHNOLOGY | HANOI, VIETNAM

Bachelor of Engineering - Electrical Engineering

Dec 2019 - Apr 2020

BACHKHOA-APTECH | HANOI, VIETNAM

Professional Developer of Open Source PHP (Application Programming Focus)

CERTIFICATIONS

Nov 2021

The Degree of engineer in Electrical Engineering

Nov 2020

Professional Developer on Open Source PHP - BachKhoa Aptech

LANGUAGES

- Vietnamese: Native
- English: Good Reading/Writing, Intermediate Speaking/Listening

HONORS & AWARDS

- BKAP Code War 2020 - Second Prize
- Violympic Math Competition for Grade 9 (2012) - National Bronze Medal