

PHAM NGOC KHOI

+84 963 799 244 ngockhoi96.dev@gmail.com Saigon, Vietnam ngockhoi96.dev

Summary

Self-driven Frontend Developer with **3+ years of experience** specializing in **web performance**, React, and TypeScript. A daily Linux user and active open-source contributor building full-stack side projects in Go and Astro. Committed to delivering **reliable, well-crafted solutions** while empowering teammates through technical writing, code reviews, and shared knowledge.

Professional Experience

Nexon Dev Vina | Middle Frontend Developer

Dec 2022 – Present

- **Team Leadership & Proxy Management:** Served as proxy lead for cross-functional teams of 3–10 engineers, translating business requirements into technical implementation and driving on-time delivery.
- **Project Initialization & Architecture:** Initialized tech stacks and designed source code architectures for new projects, prioritizing long-term maintainability and team onboarding speed.
- **UI/UX & Performance Optimization:** Optimized performance and responsive layouts for high-traffic landing pages and data-intensive React Admin Dashboards, reducing page load times and eliminating layout shift on mobile viewports.
- **Standardization & Code Quality:** Enforced rigorous engineering standards by establishing unified linting/formatting guardrails and extensible boilerplates, maintaining high code reusability and structural consistency across all shared repositories.
- **Developer Experience (DX) & Workflow Automation:** Packaged core logic into internal libraries and automated SDK generation pipelines, accelerating local development cycles and streamlining CI workflows for faster team feedback loops.
- **Technical Documentation & Mentorship:** Authored technical documentation and style guide conventions. Mentored junior developers through code reviews and conducted technical interviews for hiring.
- **Cross-functional Collaboration:** Partnered closely with Designers, QA, and PMs to contribute to business logic design and non-functional requirements, keeping project alignment and timely delivery on track.
- **Legacy Maintenance & Product Ownership:** Owned maintenance and upgrades of legacy projects, reducing technical debt through incremental refactoring while preserving production stability.

Selected Projects

Gamescale Admin | Enterprise CMS for Global Gaming Platforms | 10 engineers

May 2024 – Jan 2026

- Reactjs, Typescript, React Router, React Query, React Hook Form, Yup, Material UI, Pragmatic drag and drop, Lexical.
- Designed an enterprise-grade CMS with **Vertical Slices and Layered architecture**, enabling centralized management for multiple global gaming platforms and services.
- Built a **reusable Form & Validation system** with multi-language support and schema-driven validation, adopted across 8 content management features including News, Announcements, and Banners.
- Implemented a lightweight state management layer using Context API and useReducer with **type-safe discriminated unions** and automatic dirty-state detection for complex multi-step workflows.
- Created a data import pipeline for massive Excel files (up to **10M rows**), using **Web Workers** for non-blocking client-side validation and Server-Sent Events (SSE) for real-time progress feedback.
- Maintained an **extensible rich text editor** using Lexical with 20+ custom nodes and plugins, empowering content creators to manage complex multi-language announcements and blogs.

Select All | Nexon Publishing Platform | 5 engineers

May 2025 – Jun 2025

- Layered architecture, Atomic design, Reactjs, TanStack (Router/Query), Radix UI, Three.js, GSAP, Zod, i18next.
- Delivered pixel-perfect **scroll-snap animations** and interactive event handling with GSAP, enhancing brand storytelling across the publishing platform.
- Streamlined CI/CD with GitLab pipelines, **reducing deploy time by 20%** and **build times by 60%** through Vite and Rolldown optimizations, with automated Slack/Notion/Jira notifications.
- Established a production-grade i18n framework with route-based lazy loading, selective namespace optimization to minimize bundle size, featuring systematized locale detection and dynamic translation for form error messages without state loss.
- Optimized image delivery via mobile-first strategies to eliminate visual flickering, achieving **zero CLS** (Cumulative Layout Shift) and significantly improved LCP (Largest Contentful Paint).

Selected Projects (cont.)

Web Builder | Web Platform for building websites with no-code approach | 12 engineers

Mar 2025 – Present

- Reactjs, Typescript, Tanstack (Router, Query, Table), ArkUI, Effect, Zustand, Pragmatic DnD, i18next, Tailwind CSS, Lambda.
- Set up a **Turborepo monorepo** using Feature-Sliced Design (FSD) with JIT internal packages to decouple domains and accelerate build cycles.
- Automated an end-to-end synchronization pipeline for API clients and domain error codes, establishing a **Single Source of Truth** and eliminating client-server mismatches.
- Built an internal UI library using Ark UI and Composite Patterns, validated through props-based testing and Storybook integration for component flexibility and consistency.
- Developed a performant **drag-and-drop system** using Pragmatic DnD to handle complex nested content hierarchies with smooth, reactive updates.
- Designed a short-polling mechanism to verify site publication status post-deployment, providing real-time feedback for administrative users.
- Improved page load speeds through data prefetching and React Suspense, balancing immediate UI feedback with **optimized network waterfall performance**.
- Elevated user experience through optimistic updates and debounced search with AbortController, reducing perceived latency while minimizing redundant server requests.
- Implemented a granular **RBAC** (Role-Based Access Control) strategy using pattern matching to enforce client-side route protection based on user roles.
- Optimized cloud infrastructure with AWS S3 presigned URLs for direct client-side uploads, offloading database pressure and reducing backend overhead.

Dotorisopoong | Nexon Corporate Childcare Platform | 3 engineers

Oct 2023 – Aug 2025

- Layered architecture, Reactjs, TypeScript, TanStack (Router, Query), Zod, SCSS, Framer Motion, Mock Service Worker (MSW).
- Improved web font loading for critical **10MB Korean fonts** using strategic preload directives to eliminate FOIT (Flash of Invisible Text), significantly improving FCP (First Contentful Paint) and CLS (Cumulative Layout Shift).
- Built a custom UI component library (20+ reusable components), implementing hand-crafted animations with Motion, maintaining **WCAG 2.1 AA** compliance, and integrating Storybook for documentation and testing.
- Configured Mock Service Worker to automate mock data generation and API delay simulation, enabling fully offline development.

Technical Skills

- **Languages:** JavaScript, TypeScript, Go, HTML5, CSS3, SCSS, Shell Scripting.
- **Frontend Ecosystem:** Reactjs, Astro, TanStack (Query/Router), Vite, Vitest, Zustand, React Hook Form, Zod, Tailwind CSS, Panda CSS, Material UI (MUI), Chakra UI.
- **DevOps & Cloud:** Docker, GitHub Actions, GitLab CI, AWS (S3, CloudFront), Cloudflare (Workers, R2).

Side Projects

My Site | ngockhoi96.dev | github.com/anIcedAntFA/maishine

- Astro, Panda CSS, Svelte, Cloudflare (Workers, D1, R2, Images, KV, Cache/CDN), MDX, Honojs, Drizzle, Bun workspace.
- A high-performance personal website and knowledge base for sharing technical insights, engineering experiences, and thoughts.

GoShort | goshort.app | github.com/anIcedAntFA/goshort

- Go, Chi, SQLite, sqlc, Sqlds, Redis, Cobra, Prometheus, MCP, Docker, GoReleaser.
- A self-hosted URL shortener — single binary, SQLite-backed, zero config. Features click tracking, QR codes, batch creation, spam detection, CLI client, and MCP integration.

Others

- Formerly attended **University of Science**, VNU-HCM.