# Nguyen **Khuong**

Software Engineer · Web Developer

*29C, Nguyen Thi Ru Street, Hamlet 9, Tan An Hoi Commune, Ho Chi Minh City, Vietnam*

✉ nguyendangkhuong96@gmail.com  |  🏠 shop.thetaphoa.store  |  NguyenDangKhuong  |  nguyenkhuong96

## **Sum**mary

Front-End Developer with 8 years of experience specializing in React.js, Nextjs and modern web technologies. Skilled in building responsive, user-friendly interfaces with strong attention to detail and performance. Passionate about UI/UX best practices and writing clean, maintainable code. Skilled in working within Agile cross-functional teams and collaborating closely with designers and stakeholders. Strong problem-solving skills and a collaborative mindset. Thrives in fast-paced, continuous improvement in both product quality and team workflows and enjoys turning ideas into great products.

## **Wor**k Experience

**HCL TECHNOLOGIES VIETNAM - Australia and New Zealand Banking Group Limited**    *HCM, Vietnam & Melbourne, AU*

Technical Lead (team size: 15)    *Jun. 2023 - present*

- **Bluestone project:** Built production features with **React 19 (React Compiler, Server Actions, Suspense)** and **Next.js 15 App Router** with **Server-Side Rendering (SSR)**, Middleware, and API Routes
- Achieved zero-runtime CSS using **Vanilla Extract** (type-safe CSS-in-JS) — eliminating runtime style injection overhead compared to styled-components
- Developed and consumed 70+ components from an **internal Design System** (Ocean Blue), ensuring **UI consistency and accessibility** across the platform
- Implemented complex form management with **React Hook Form + Zod** for type-safe runtime validation on the client
- Established comprehensive testing pyramid: **Jest + Testing Library** (unit/integration), **Playwright** (cross-browser E2E), **Storybook** (visual/component), **Mock Service Worker** (API mocking)
- Implemented **accessibility** testing with **jest-axe and @axe-core/playwright** across unit and E2E layers, achieving **98%** accessibility score in axe deque system
- Conducted load/stress testing with automated **Lighthouse CI** audits for **performance, accessibility, and SEO**
- **Managed feature flag**-driven releases with **LaunchDarkly** — progressive rollouts, kill switches, and user targeting
- Integrated **Segment Analytics** for user behavior tracking, A/B testing data, and conversion funnels
- Built with **TypeScript** strict mode (300+ path aliases, noImplicitAny, strictNullChecks) ensuring type safety across the entire codebase
- Enforced code quality with **ESLint** (custom rules for project structure), **Prettier** (Oxc-based), and **syncpack** for dependency version consistency
- Experienced in **Micro Frontend** architecture patterns — **Module Federation** (runtime composition), monorepo-based build-time integration, shared state management, cross-app routing, and independent deployment strategies
- Applied **prompt engineering** techniques with AI/ML Tools: **Claude AI, Cursor IDE, GitHub Copilot** to accelerate development velocity and code quality
- **ANZ Plus Home page**: Key contributor to the front-end design system at enterprise scale, building a robust UI framework on **Adobe Experience Manager (AEM)** to support reusable, accessible components across multiple projects.
- Developed modular components using both vanilla JavaScript and React, optimized for performance, maintainability, and full **WCAG-compliant accessibility (A11Y)**.
- Actively collaborated with **UX/UI** designers to translate detailed requirements into intuitive user interfaces, with a strong **focus on design consistency and cross-browser compatibility.**
- Operated within a mature **Agile environment**, participating in sprint planning, refinement, reviews, retrospectives, and delivering value in well-defined iterations.
- Maintained high code quality through comprehensive unit testing and contributed to automation test suites for regression stability.
- Production link: *anz.com.au/plus*

**HCL TECHNOLOGIES VIETNAM - Santen Pharmaceutical**    *HCM, Vietnam & Tokyo, Japan*

Senior frontend engineer (team size: 8)    *Jun. 2022 - Jun. 2023*

- Developed a human resource management web application based on the **SharePoint** framework, integrating with enterprise systems.
- Built reusable React components for dynamic UI rendering within the SharePoint environment.
- Applied **Test-Driven Development (TDD)** methodology to ensure component reliability and maintainability.
- Collaborated with cross-functional teams to implement features aligned with business and HR requirements.

**LIG TECHNOLOGIES VIETNAM**    *HCM, Vietnam & Tokyo, Japan*

React developer - Wordpress developer (team size: 4)    *July. 2021 - Feb. 2022*

- Worked on a range of projects outsourced from Asoview (formerly Asoview Vietnam), contributing to the development and maintenance of customer-facing web applications.
- Developed and maintained responsive user interfaces using React, aligned with Asoview's design and technical standards.
- Built and customized **WordPress**-based websites for internal use and clients, including:
    - Company homepage – liginc.vn
    - Guesthouse website – lamp-guesthouse.com

**ASOVIEW VIET NAM**  *HCM, Vietnam & Tokyo, Japan*

REACT DEVELOPER (TEAM SIZE: 6)  *Jun. 2018 - Jun. 2021*

- Develop high performance customer facing e-commerce application using **Reacjs, Nextjs, Redux-thunk, React Hooks, React-Router, JavaScript, HTML5, SCSS, Ant design**.
- Developed custom API layer and custom hook to handle all CRUD transactions, **JWT token management** and implemented interceptors to embed custom headers.
- Maintained high-level expertise in React state management strategies, including **ImmutableJS**, Redux, Redux-thunk, duck pattern.
- Worked closely with clients to establish specifications and system designs. Used **Figma**, **Xd** to collaborate with UX.
- Expertise usage of **Git** and **JIRA** as a version control and tracking units.
- Support and help members solve problems. Sometime support back-end with java language.
- Projects: asoview.com, internal-manager, asoview-gift, satsuki, asoview-ticket, asoview-global, asoview.vn, agent

**VTECH WEB (intern)**  *HCM, Vietnam*

FRONT-END DEVELOPER - PHP DEVELOPER (TEAM SIZE: 2)  *Nov. 2017 - May. 2018*

- Support to create the sales page of the company vtechweb.com
- Practice website sales by laravel framework (PHP)

# Education _____

**HCMUS(Ho Chi Minh University of Science)**  *HCM, VietNam*

FACULTY OF INFORMATION TECHNOLOGY  *July. 2014 - July. 2018*