

KIEN DUONG

Senior Frontend Engineer | React • Next.js • TypeScript

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PROFESSIONAL SUMMARY

Senior Frontend Engineer with 10+ years of experience building production-grade web applications. Specializes in React, Next.js, and TypeScript with a strong focus on performance, scalable architecture, and developer experience. Currently building an AI chatbot platform for healthcare (React + Laravel + pgvector) and experimenting with autonomous AI agent teams for dev workflow automation. Experienced in leading small frontend teams, conducting code reviews and technical interviews, and shipping high-quality products end-to-end. Open to Senior Frontend roles in product companies, remote-first teams, and freelance/contract projects.

TECHNICAL SKILLS

Core	React.js Next.js TypeScript JavaScript (ES2022+) Vite.js
Styling	TailwindCSS CSS Modules SCSS Styled Components Figma
Backend	Node.js NestJS Laravel REST APIs GraphQL Express.js
CMS / PHP	Joomla CMS PHP WordPress
Python / AI	Python Claude API Anthropic SDK OpenAI API Prompt Engineering AI Agent Systems
Database	PostgreSQL MySQL Redis pgvector
Infra / Cloud	GCP AWS Vercel Docker Nginx GitHub Actions BullMQ
Leadership	Code Review Architecture Design Technical Interviews Junior Mentoring

EXPERIENCE

Senior Frontend Engineer (Freelance)

Nov 2022 – Present (2 yrs 7 mos)

[Self-employed](#) · Remote

- Built and optimized production web apps using React.js, Next.js, TypeScript, and TailwindCSS for clients across multiple industries.
- Developed an AI chatbot platform for healthcare, integrating React frontend with Laravel backend and pgvector for semantic search.
- Built autonomous AI agent systems for developer workflow automation using Claude API, NestJS, BullMQ, and Redis.
- Achieved Lighthouse scores above 90 on performance, accessibility, and SEO across multiple client projects.
- Shipped projects end-to-end independently — from architecture design and API integration to deployment on Vercel/GCP.

Project Manager & Frontend Lead

Nov 2021 – Oct 2022 (1 yr)

[JoomlArt.com](#) · Hanoi

- Led frontend direction across 3+ concurrent web projects, setting architecture standards and component guidelines adopted by the full team.
- Conducted weekly code reviews, reducing critical bugs in production releases by ~30% over 6 months.
- Collaborated with designers and backend engineers to ship consistent, on-time product deliverables.
- Onboarded and mentored 2–3 junior frontend developers, running 1-on-1s and internal technical workshops.

Full-Stack Developer

Oct 2018 – Oct 2021 (3 yrs 1 mo)

[JoomlArt.com](#) · Hanoi

- Designed and built Joomla templates, plugins, modules, and custom components serving thousands of end users.
- Migrated key product pages to modern PHP patterns, improving maintainability and reducing load times.
- Integrated REST APIs and third-party services into CMS-driven products.

Senior PHP Developer

Dec 2014 – Oct 2018 (3 yrs 11 mos)

[NextG Solutions](#) · Hanoi

- Gathered client requirements, designed technical specs, and implemented full PHP-based web solutions.
- Built and maintained multiple production web systems handling real-time data and user management.

EDUCATION

Engineer's Degree — Mechanical Engineering

2009 – 2014

[Hanoi University of Science and Technology \(HUST\)](#)

Transitioned into software development through self-directed learning in PHP and web technologies, progressing to full-stack and frontend leadership roles over a 10-year career.

ADDITIONAL

Languages: Vietnamese (Native) · English (Professional — reading/writing)

Open to: On-site (Hanoi) · Remote / Hybrid · Freelance / Contract