PHAM TUAN ANH

Technical Lead Frontend Web | Architecture | ReactJS | Next.js | TypeScript

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PROFESSIONAL SUMMARY

- Frontend Technical Lead with 10+ years of software development experience and 7 years leading Web Engineering teams of up to 8 engineers across enterprise and product initiatives.
- Turns business requirements into technical plans through discovery, estimation, architecture reviews and delivery planning, working closely with overseas clients and partners.
- Led frontend platform work including a JavaScript-to-TypeScript migration, reusable SDKs, shared components, CMS and commerce integrations, CI/CD adoption, code review and mentoring.
- Hands-on across ReactJS, Next.js, TypeScript, GraphQL, Node.js, AWS and Docker, with delivery experience for multinational brands including Grab, Rakuten, ZALORA, Trendyol, Bukalapak, M1 and TUMI.

CORE SKILLS

Technical leadership: Requirements discovery, technical planning, estimation, architecture reviews, risk management, code review, mentoring, Agile delivery
Frontend architecture: ReactJS, Next.js, TypeScript, JavaScript, GraphQL, reusable components, design systems, Storybook, SDKs, embeddable widgets
Platforms and integration: Enterprise web applications, CMS, CRM, e-commerce, marketplaces, REST APIs, webhooks, third-party integrations
Scalability and infrastructure: System design, AWS, Docker, GitHub Actions, Jenkins, Vercel, CI/CD, performance and reliability
Quality: Vitest, Playwright, Jest, unit and integration testing, E2E testing, automated checks
Supporting stack: Vue.js, Nuxt, Node.js, NestJS, Express, Medusa, PostgreSQL, MySQL, MongoDB, Redis

PROFESSIONAL EXPERIENCE

Senior Fullstack Product Engineer | Independent | 08/2026 - Present

- Built and shipped ReactJS 19, Next.js 16 and TypeScript products independently, from architecture and implementation to tests, CI checks, deployment, accessibility and technical SEO.
- Uses Claude to clarify requirements and acceptance criteria, Claude Code for specs, implementation, refactoring and tests, and Codex for parallel tasks and pull-request review, with human review and automated checks before every release.

Head of Web Department | BeLive Technology | 09/2019 - 07/2026

Promoted: Front-end Web Developer (09/2019) → Web Leader (03/2021) → Head of Web Department (10/2021)

- Hired, onboarded and mentored a Web Engineering team of up to 8 engineers. Led planning, estimation, architecture reviews, delivery-risk management and releases with product, design, QA and backend stakeholders.
- Led frontend architecture and implementation for BeLive's white-label SaaS across realtime video, live commerce, interactive video, CMS and partner products, including a JavaScript-to-TypeScript migration.
- Designed versioned SDKs, embeddable players, shared components and a Storybook component library reused by product teams and partner integrations.
- Collaborated with overseas clients and technology partners to clarify requirements, explain technical options, support integrations and resolve post-launch issues.
- Coordinated implementation across frontend, backend, QA, product and design teams and weighed technical options for performance, maintainability and delivery risk.

Head of Web Department (continued) | BeLive Technology | 09/2019 - 07/2026

- Led delivery of AI video, avatar, moderation, sales-agent and analytics features integrated with Tencent Cloud AI, BytePlus and AWS AI services.
- Led products and integrations for multinational brands including Grab, Rakuten, ZALORA, Trendyol, Bukalapak, M1 and TUMI.
- BeLive-powered live streams reached 100M+ viewers and 50M+ hours of content, with simulcast to up to 8 platforms and sub-second realtime chat and interaction latency.
- Delivered measurable outcomes including 50,000 Rakuten Live merchants, over 50% less staff-training time for Samsung and a 30% live-shopping add-to-cart rate.

Team Leader | BIGIN | 06/2017 - 07/2019

- Led teams of up to 8 engineers across enterprise projects, architecture planning and delivery.
- ARC: led the migration of 100GB+ from a denormalized legacy SQL system into a relational PostgreSQL model, defining cleansing, mapping and validation rules for inconsistent data across many fields (e.g. gender codes, free-form phone numbers) and verifying each record on import.
- Built configurable ARC exports spanning 80+ columns and 10,000+ rows; designed AWS infrastructure and CI/CD pipelines with Jenkins and Docker.

Freelance Software Engineer (part-time) | Client Projects | 01/2015 - 09/2019

- Led client projects from requirements gathering and solution design through implementation, deployment and support.
- Built CRM, CMS, e-commerce and multi-tenant business applications and designed their APIs, databases, administration tools and AWS infrastructure.

SELECTED PRODUCTS

- **White-label Realtime Platform:** Architecture and shared foundations for livestream, interactive video, RTM/chat, SDKs and partner integrations.
- **TESSR:** One of two frontend engineers; led shared ReactJS UI and large-dataset visualization libraries for product teams.
- **Commerce Platforms:** Live commerce, multi-vendor storefront, seller and admin workflows integrated with payment and fulfillment services.
- **BilianCRM:** Multi-tenant sales CRM with subdomain tenancy, database isolation and plugin-based modules.

EDUCATION AND ADDITIONAL INFORMATION

Bachelor's Degree in Software Engineering, Ho Chi Minh City University of Technology (HCMUT), VNU-HCM
Award: Most Dedicated Award 2018, BIGIN