PHAM TUAN ANH

Senior Fullstack Engineer | Node.js | ReactJS | TypeScript | Product Engineering

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PROFESSIONAL SUMMARY

- Senior Fullstack Engineer with 10+ years of software development experience and 7 years leading a Web Engineering team of up to 8 engineers across SaaS, commerce, realtime media and AI-enabled products.
- Production experience with JavaScript, TypeScript, ReactJS and Next.js, supported by hands-on Node.js work with Medusa, Express, MongoDB, REST, GraphQL, webhooks and SQL data stores.
- Made architecture and delivery decisions across frontend, backend integrations, AWS, Docker and CI/CD, weighing performance, maintainability and delivery risk.
- Works directly with overseas clients and distributed teams. 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, automated tests and CI checks before every release.

CORE SKILLS

Fullstack: Node.js, NestJS, Express, Medusa, ReactJS, Next.js, TypeScript, JavaScript, REST, GraphQL, webhooks
Data: PostgreSQL, MySQL, MongoDB, Redis, Supabase, data modeling, multi-tenant systems
Frontend: ReactJS, Next.js, Vue.js, Nuxt, HTML, CSS, Tailwind CSS, Storybook, Zustand, Pinia, accessibility, responsive design
Architecture and delivery: System design, API design, SaaS, marketplaces, SDKs, code review, Agile delivery, mentoring
Cloud and quality: AWS, Docker, GitHub Actions, Jenkins, Vercel, Vitest, Playwright, Jest, integration testing, CI/CD
Product domains: Realtime video, e-commerce, payments, AI video, avatars, moderation and sales-agent features

PROFESSIONAL EXPERIENCE

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

- Built Bilian Chess end to end with ReactJS 19 and TypeScript as an installable, offline-capable PWA. Stockfish runs in a Web Worker, data is stored in IndexedDB and authenticated users can sync through Supabase.
- Built imanh.dev with Next.js 16 and React 19, including bilingual typed content, accessible case studies, structured data, Open Graph images, sitemap, technical SEO and automated deployment checks.

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. Partnered with product, design, QA and backend teams on estimation, architecture reviews, delivery risks and releases.
- Led architecture and delivery for BeLive's white-label product platform spanning realtime video, live commerce, interactive video, CMS and partner integrations, including a migration from JavaScript to TypeScript.
- Built ReactJS versions of BeLive's core video player, RTM/chat and engagement components and designed versioned SDKs, embeddable players, shared components and Storybook foundations.
- Built Node.js tools for Agora and Tencent RTM covering chat storage, session recording, analytics, log exports and message load and stress tests; also delivered small Node.js and MongoDB services.
- Contributed to the Medusa Node.js backend for MallPlus and delivered storefront, seller and admin workflows for orders, fulfillment and role-based access.

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

- Led web delivery for AI product features including AI video workflows, avatars, content moderation, sales agents and analytics integrated with Tencent Cloud AI, BytePlus and AWS AI services.
- Collaborated with overseas clients and partners to clarify requirements, explain technical choices, support third-party integrations and resolve production issues after launch.
- Delivered products and integrations for 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.
- Shipped products that delivered measurable client results, including 50,000 Rakuten Live merchants, a 30% live-shopping add-to-cart rate and over 50% less training time in Samsung's gamified video program.

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

- Led teams of up to 8 engineers; designed backend services, database models and AWS infrastructure and translated stakeholder requirements into technical plans.
- ARC: migrated 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 PDF and Excel reports spanning 80+ columns and 10,000+ rows; built CI/CD pipelines with Jenkins and Docker.

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

- Built CRM, CMS, e-commerce and business-management applications with Laravel, JavaScript, PostgreSQL and AWS.
- Built BilianCRM as a multi-tenant sales CRM with subdomain tenancy, an isolated database per company and plugin-based modules.
- Worked directly with clients from requirements and API and database design through delivery, deployment and support.

SELECTED PRODUCTS

- **MallPlus:** Multi-vendor commerce workflows backed by Medusa and Node.js for orders, fulfillment and role-based access.
- **TESSR:** One of two frontend engineers; led shared ReactJS UI and large-dataset visualization libraries.
- **Bilian Chess:** ReactJS 19 and TypeScript PWA using Web Workers, IndexedDB, Supabase and Vitest. chess.imanh.dev
- **BilianCRM:** Multi-tenant Laravel and PostgreSQL CRM with database isolation and a plugin-based architecture.

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