PHAM TUAN ANH

Senior Frontend / Fullstack Engineer | Vue.js | ReactJS | Node.js | TypeScript | PHP

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PROFESSIONAL SUMMARY

- Senior Frontend and Fullstack Engineer (Vue.js, ReactJS, Node.js, TypeScript) with 10+ years of experience building web products and 7 years leading a Web Engineering team of up to 8 engineers.
- Frontend expertise across Vue.js, Nuxt, ReactJS and Next.js with TypeScript, shipping production products, reusable components, video players and realtime messaging modules in both frameworks.
- Hands-on backend experience with Node.js, Medusa, Express, MongoDB, PHP and Laravel, as well as REST, GraphQL, SQL, AWS, Docker and CI/CD.
- Uses Claude, Claude Code and Codex for requirements, implementation, refactoring and tests, with code review and automated checks before every release.

CORE SKILLS

Frontend: Vue.js, Nuxt, ReactJS, Next.js, TypeScript, JavaScript, HTML, CSS, Tailwind CSS, SCSS, Storybook, Docusaurus, Zustand, Pinia, accessibility, responsive design, browser APIs, Core Web Vitals
Backend and data: Node.js, NestJS, Express, Medusa, PHP, Laravel, REST, GraphQL, webhooks, PostgreSQL, MySQL, MongoDB, Redis, Supabase
Architecture and leadership: Frontend architecture, system design, multi-tenant SaaS, white-label platforms, multi-vendor marketplaces, reusable components, design systems, SDKs, API design, code review, Agile delivery, mentoring
Testing: Vitest, Playwright, Jest, integration testing, CI checks
Cloud and platforms: AWS, Tencent Cloud, Docker, GitHub Actions, Jenkins, Vercel, WebRTC, AgoraRTC, Amazon IVS, Wowza, Stripe, PayPal, npm
Growth and analytics: Technical SEO, GA4, Google Tag Manager, Google Ads, Shopify, Magento, WooCommerce and Wix integrations
AI: AI product features (video generation, avatars, moderation, sales agents), Tencent Cloud AI, BytePlus, AWS AI services; AI-assisted development with Claude, Claude Code and Codex, plus code review and automated checks

PROFESSIONAL EXPERIENCE

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

- Built Bilian Chess with ReactJS 19 and TypeScript as an installable, offline-capable PWA. Stockfish runs in a Web Worker, game data is stored in IndexedDB and signed-in users can sync through Supabase.
- Built imanh.dev with Next.js 16 and React 19, including bilingual typed content, accessible case studies, metadata, Open Graph images, JSON-LD, sitemap and robots configuration.

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 and ran planning, estimation, architecture reviews and releases with product, design, QA and backend teams.
- Led frontend architecture for BeLive's white-label SaaS (realtime video, live commerce, interactive video, CMS and partner products) and its migration from JavaScript to TypeScript.
- Designed versioned SDKs and embeddable players; packaged the core player, chat and engagement modules as npm libraries in Vue.js and ReactJS, documented with Docusaurus and Storybook.
- Built livestream features on Agora, Amazon IVS and Wowza, including gift animations (JSON, SVGA, Lottie), trivia, polls, PK battles and screen sharing.
- Built shoppable video that syncs products from Shopify, Magento, WooCommerce and Wix with add-to-cart and checkout; supported 10GB+ video uploads to AWS and Tencent Cloud and used Web Workers to reduce memory use on video-heavy pages.
- Built Node.js tools for Agora and Tencent RTM, including chat storage, session recording, message load and stress tests, analytics and text log exports, plus small Node.js and MongoDB services.

- Contributed to the Medusa Node.js backend for MallPlus, a Shopee-style multi-vendor marketplace, and delivered storefront, seller and admin workflows for orders, fulfillment and role-based access.
- 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.
- Set up Google Ads, GA4 and Google Tag Manager tracking for LORA Short Video and Live Show, and improved technical SEO and page performance for BeLive's corporate website.
- Worked with overseas clients and partners on requirements, integrations and post-launch issues for Grab, Rakuten, ZALORA, Trendyol, Bukalapak, M1, TUMI, HyperLive, Knock Knock Live, iChangi, Suntec and Bath & Body Works.
- BeLive-powered live streams reached 100M+ viewers and 50M+ hours of content, simulcast to up to 8 social and e-commerce platforms, with sub-second realtime chat and interaction latency.
- Shipped products behind client results: Rakuten Live (50,000 merchants selling on live video), Bukalapak Live Trivia (70M monthly active users), ZALORA Z-LIVE (new app users made up 16% of viewers), Samsung gamified video training (over 50% less time on new-product staff training) and live shopping with a 30% add-to-cart rate.

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

- Led engineering teams of up to 8 members; designed backend services, database models and AWS infrastructure and turned stakeholder requirements into technical plans.
- ARC: migrated 100GB+ from a denormalized legacy SQL system into a relational PostgreSQL model. Designed cleansing, mapping and validation rules for inconsistent data across many fields, e.g. gender codes and free-form phone numbers, then verified each record on import.
- Built configurable ARC reports with PDF and Excel exports spanning 80+ columns and 10,000+ rows.
- Agoyu: led the client, CMS and mover portals and built the core moving-fee calculator, Google Maps location and route integration, CRM and survey workflows.
- Built b-components, BIGIN's shared Vue.js component library, and CI/CD pipelines with Jenkins, Docker and Deployer.

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

- Built CRM, CMS, e-commerce and business management applications with Laravel and JavaScript, working directly with clients from requirements through delivery and support.
- Designed and built BilianCRM solo: a multi-tenant sales CRM with subdomain tenancy and an isolated PostgreSQL database per company.
- Built real estate landing pages and improved their SEO, page speed and conversion flows. Lighthouse and PageSpeed scores were regularly above 90.
- Designed APIs, databases, administration tools and AWS infrastructure using EC2, S3, RDS and CloudFront.

Intern Developer | Binumi | 02/2015 - 08/2015

- Contributed to PHP and Node.js applications and internal tooling, and researched Elasticsearch, Logstash and Kibana.

SELECTED PRODUCTS

- **TESSR (Tessereum) Creative Project Management:** One of two frontend engineers; led the ReactJS core UI library shared across company projects and a data-visualization library (charts, tables, grids, treemaps) for large datasets, plus UI for realtime progress tracking and workload balancing.
- **BilianCRM (independent, solo):** Multi-tenant sales CRM in Laravel and PostgreSQL with subdomain tenancy, an isolated database per company and a plugin-based module architecture.
- **Bilian Chess:** Offline-capable chess PWA built with ReactJS 19, TypeScript, Web Workers, IndexedDB, Supabase and Vitest. chess.imanh.dev
- **Personal Finance Lab:** Nuxt 4 banking sample with SSR, transaction search, validated money transfers, idempotency and recovery states. banking.imanh.dev
- **Ridgeback / Franka Robotics Lab:** ReactJS and Three.js robotics simulation with live telemetry and manipulator controls. franka.imanh.dev

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