

Tran Kim Dat

FULL-STACK DEVELOPER

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PROFESSIONAL SUMMARY

Full-stack Developer with 3+ years delivering production web applications and cross-platform mobile experiences across e-commerce, CMS, booking, SaaS, and social products. Equally strong across frontend and backend development, building responsive interfaces alongside REST APIs, relational and NoSQL data models, authentication, and real-time systems.

Comfortable owning delivery from architecture and Figma handoff through implementation, automated testing, containerization, and cloud deployment across Flutter, ASP.NET Core, NestJS, Next.js, React, and Laravel stacks.

WORK EXPERIENCE

DAN SOLUTIONS

Oct 2025 – May 2026

TamdaCMS / TamdaOne - tamdamedia.eu - tamdagroup.eu - tamdaexpress.eu - tamdaoc.eu

- Delivered 10 features across public websites and admin dashboards spanning 5 business verticals, independently owning the cycle from Figma handoff to production deployment.
- Designed and configured 12+ Strapi content schemas with Swagger-documented REST APIs, enabling editors to publish content independently of backend release cycles.
- Translated reusable content and layout patterns into maintainable CMS modules, keeping public-site and admin experiences aligned across releases.
- Collaborated directly with backend and design teams to deliver on schedule with clear cross-functional ownership.

Caocao Adventures - caocaoadventures.com

- Led frontend architecture and shipped 3 core modules - tour browsing, rentals, and blog - to production within 2 months.
- Built a reusable React, TypeScript, and Ant Design component library for layouts, forms, and data display, reducing per-screen implementation effort and enforcing consistent UX patterns.
- Integrated responsive booking and content flows with API-driven data states across desktop and mobile breakpoints.

CAPSTONE PROJECT

May 2025 – Sep 2025

NgoaiNguNgay - ngoai-ngu-ngay.vercel.app

- Integrated SignalR events into the React client for real-time 1:1 chat, covering message receipt, editing, deletion, unread-state handling, and automatic reconnection.
- Built booking flows for tutor availability, learner requests, tutor offers, instant bookings, cancellations, and status-aware scheduling.
- Implemented role-specific learner, tutor, staff, and manager interfaces across a React/Vite frontend containing 16 routed pages and 79 component files.

DAN SOLUTIONS

Dec 2023 – Aug 2024

Fastcare - fastcare.vn

- Took full ownership of frontend delivery for a multi-category repair-booking platform with Next.js and TypeScript, from component design to production deployment.
- Standardized API-integration patterns and Ant Design component architecture across the codebase.
- Delivered Fastcare UI v2 across 20+ screens, including homepage, blog, and accessory-category routes, using Next.js and shadcn/ui.
- Implemented PHP Laravel admin-dashboard workflows for content and operational management, complementing the customer-facing Next.js platform.
- Created shared loading, empty, and error states for API-backed booking and catalog journeys.

VNCaps - vncaps.edu.vn

- Architected a cross-platform school-management dashboard spanning 15+ screens with role-based access for student, teacher, and administrator workflows.
- Integrated Expo Notifications for push-alert delivery and built a timetable module with dynamic schedule rendering.
- Structured role-aware navigation and reusable dashboard components so each user workflow could evolve independently.

FPT SOFTWARE INTERNSHIP

Dec 2022 – Apr 2023

LMS FSoft Education Management - lms-fsoft-internship.web.app

- Implemented the Angular Class List module, including its general view and filtering workflow for class-management operations.
- Built the Class Details general view to present class information in a clear, maintainable interface.
- Developed Training Calendar views for both day and week-based scheduling.
- Added Training Calendar filtering and week-view search, using reusable components and dependency injection to keep the UI modular and maintainable.

INDEPENDENT PRODUCTS

TapMood

Jun 2026 – Jul 2026

UI: github.com/dattk2002/tap-mood-ui - API: github.com/dattk2002/tap-mood-api

- Independently architected and delivered a cross-platform social check-in product using Flutter, ASP.NET Core 10, PostgreSQL/EF Core, SignalR, Cloudinary, FFmpeg, Firebase, Gemini, and Docker; built Flutter surfaces for Android, iOS, Web, Windows, macOS, and Linux with 68 Flutter tests and 24 API tests (92 automated declarations total).
- Designed 117 REST endpoint mappings and real-time flows for chat, presence, notifications, RBAC/moderation, check-ins, VlogMap, MoodSync AI, and account privacy lifecycle; modeled 38 EF Core entity sets through 18 migrations.
- Engineered resumable video uploads up to 250 MB with SHA-256-verified 8 MB chunks, pause/resume/cancel controls, 24-hour recovery, background H.264 processing, and SignalR progress updates.
- Implemented privacy, moderation, notification, and presence flows as shared domain services; added Google identity and phone-OTP authentication with refresh-session rotation, account restore, personal-data export, retention policies, and audit logging.
- Secured real-time chat and presence through an authenticated SignalR hub backed by shared authorization and notification services; ran 6 hosted workers for retention, media cleanup and processing, push delivery, and check-in reminders.

HabiStride

May 2026 – Jun 2026

UI: habi-stride-ui.onrender.com - API: habi-stride-api.onrender.com

- Architected and shipped a gamified full-stack habit tracker whose Virtual Tree grows through completed habits, streaks, and milestone rewards.
- Built 24 REST handlers across 7 NestJS controllers and modeled 10 PostgreSQL entities with TypeORM, secured by Google OAuth2 and JWTs in HttpOnly cookies.
- Containerized frontend and API services independently and deployed them to Render with managed PostgreSQL.
- Delivered a Next.js, shadcn/ui, and Tailwind CSS dashboard for daily habit tracking and analytics.
- Designed the API and UI as independently deployable services.
- Scheduled daily-log snapshots at 00:00 Asia/Bangkok with NestJS Scheduler to preserve habit history.
- Delivered 8 Next.js App Router pages and 22 reusable UI components for dashboard, habits, insights, settings, Virtual Tree, and authentication flows.

Trivia Quiz

Apr 2026 – May 2026

trivia-app-elb2.onrender.com

- Built and deployed a full-stack trivia application with Next.js and MongoDB/Mongoose, featuring session-based gameplay and a custom question-bank API.
- Containerized the application with Docker and deployed it to Render, independently owning architecture, API design, and the deployment pipeline.
- Modeled quiz sessions and question-bank access as reusable server-side flows.
- Implemented 7 API handlers across 5 Next.js route files and 2 Mongoose models, including a 1-hour TTL index for quiz-session cleanup.
- Kept correct answers out of the initial quiz payload and validated submissions server-side, preventing duplicate scoring for already-answered questions.

EDUCATION

- FPT University - Bachelor's Degree in Software Engineering
- Graduated - GPA: 3.24 / 4

Sep 2021 – Sep 2025

SKILLS

- Back-end / Data: NestJS, ASP.NET Core, TypeORM, Entity Framework Core, Strapi, PostgreSQL, MongoDB, Prisma, Redis, SignalR, Socket.IO
- Front-end / Mobile: Flutter, React, Next.js, TypeScript, Ant Design, shadcn/ui, MUI, Zustand, Redux, React Query, Framer Motion, GSAP
- Tools / Infrastructure: Docker, Render, Cloudinary, FFmpeg, AWS Cognito, Firebase, Figma, Git
- Languages: JavaScript, TypeScript, Dart, C#, Java, C/C++

HONORS & CERTIFICATIONS

- EF SET English Certificate - 78/100, C2 Proficient (2022)
- Computer Communications Specialization - Coursera (Oct 2, 2021)
- Software Development Lifecycle Specialization - Coursera (Jun 3, 2022)
- Academic English: Writing Specialization - Coursera (Feb 8, 2023)
- User Experience Research and Design (UI/UX) - Coursera (Nov 20, 2023)