

Keeratipong Boonnapongkasem

FRONTEND DEVELOPER

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SUMMARY

Frontend Developer specializing in the modern React ecosystem and AI coding agent orchestration, applying AI agentic development practices across planning, implementation, and verification. Recently delivered a solo full-stack platform end-to-end at Makers Digital (Denmark), owning architecture, implementation, and documentation.

Builds structured, evolving project context that helps AI agents turn ambiguous requirements and visual references into reusable React interfaces and deployable applications. Backed by 12+ years of entrepreneurial leadership and rapid self-directed learning.

Currently seeking a frontend role in a structured engineering environment with clear collaboration and feedback loops.

TECHNICAL SKILLS

Front-End	React 19, TanStack Start (SSR), TanStack Query, Next.js, Tailwind CSS, shadcn/ui, Framer Motion, React Router, React Hook Form, Redux Toolkit, Zod
Backend / CMS	Strapi v5, Supabase, Node.js
Development Concepts	UI Design Documentation (DESIGN.md, design tokens, component rules), SSR/SSG, Headless CMS Architecture, Dynamic Routing, REST API Design & Integration, Programmatic SEO (XML sitemap, JSON-LD, OpenGraph), Authentication & Authorization, State Management, Error Handling, Responsive Design
Testing Concepts	Unit, Integration, E2E, Regression Testing
Tools	Git / Git-flow, Google Antigravity, Vercel, Figma, Notion
Languages	JavaScript (ES6+), TypeScript, HTML, CSS, SQL (basics)

WORK EXPERIENCE

Frontend Developer - Makers Digital

Denmark - Bangkok branch | Feb 2026 - Mar 2026

Project: Novasou - Internal Recruitment Platform
Solo Full-Stack Developer (Expanded scope from initial frontend role)

- Internal platform connecting Thai developers with Danish companies. Built independently from project init to production-ready submission within ~30 days while self-teaching TanStack Start without team onboarding or technical guidance.
- **Architected frontend in TanStack Start (React 19)** with SSR, type-safe routing, and programmatic SEO (JSON-LD, dynamic sitemaps), using server-side data hydration to reduce client-side loading states and make dynamic pages indexable
 - **Engineered a Strapi v5 backend** with 5 content types, 29 reusable components, and a dynamic page generator (\$slug.tsx + BlockRenderer) so content editors could create and publish pages without developer help
 - **Developed an idempotent TypeScript seed pipeline** using Strapi's Document Service API for clean, repeatable database resets without data drift
 - **Implemented TanStack Server Functions** for secure operations such as SendGrid integration, keeping sensitive credentials server-side and out of client code

Stack: React 19 | TanStack Start | Strapi v5 | Tailwind v4 | shadcn/ui | Framer Motion | Zod | SendGrid
Local demo available on request.

WORK EXPERIENCE - CONTINUED

Project: B2B E-Commerce Platform (Corporate Multi-Role System)

Initial Contribution (2 Weeks)

Two-week solo contribution to an 8-month enterprise platform with multiple user roles and dual backend systems (Strapi + Vendure).

- **Proposed and executed a backend-first architectural pivot** to build a stable Strapi backend before migrating the UI; this decoupled backend progress from unstable UI requirements and kept development moving
- **Reverse-engineered a 5-role permission system** from an undocumented codebase and shipped Layout/Global Config with a dynamic page builder (8 block types), giving content editors a way to compose pages without engineering involvement
- **Authored handoff documentation** (ROADMAP.md, DEVELOPER_GUIDE.md) capturing coding rules and migration plans, leaving a documented project state for future human developers or AI agents

AI CODING AGENT ORCHESTRATION

- **Context engineering:** Provided agents with task-specific context - relevant files, constraints, and completion criteria - and reviewed implementation plans before execution.
- **Task decomposition:** Split multi-file changes into checklist subtasks and incremental commits to keep progress focused and traceable.
- **Persistent project memory:** Kept project documentation - including PRDs, system architecture, DESIGN.md, AGENTS.md, task plans, database diagrams, ADRs, and changelogs - updated across agent sessions.
- **Delivery governance:** Used feature branches, code diff reviews, automated tests, and documentation updates before integration.

EARLIER EXPERIENCE

- Business Owner - Rare & Variegated Plant Garden**
Online plant business averaging 280,000 THB/month; produced 65+ videos generating 10M+ total views.

Jun 2021 - Jun 2022
- Business Owner - Chicken Smoothie Business**
Operated an online health-food brand end-to-end (recipe development, sourcing, marketing, fulfillment).

Dec 2016 - Dec 2020
- Managing Director - Hybola Co., Ltd**
Managed retail across 3 Bangkok malls; pitched custom-branded electronics to corporate clients (UOB, Kasikorn, Fitness First).

Jun 2011 - Dec 2015

EDUCATION & CERTIFICATIONS

- **B.Eng. Information and Communication Engineering** - Chulalongkorn University (Jun 2007 - Jun 2011)
- **The Ultimate React Course 2024: React, Next.js, Redux & More** - Udemy (May - Nov 2024)
- **Full Stack JavaScript For Web Developer** - Codecamp Thailand (Mar - Jul 2023)

Demo Projects: [Hotel Booking Admin](#) | [Hotel Booking Guest](#) | [Grocery App](#) | [Fast React Pizza](#) | More at [keeratipong.com](#)

LANGUAGES

Thai (Native) | English (Fluent) | Chinese (Conversational)