

Zhi Tian

Full-Stack & AI
Application Engineer

PROFILE

Seven years in software: four in frontend, then full-stack and AI application work since 2024. I build from browser and cross-platform clients through to the server, shipping consumer products at scale. Former maintainer of [Rematch](#), an 8.4k-star open-source project. I use AI coding agents daily — at work and to build things of my own.

SKILLS

- **AI Applications** — Three years focused on AI product work. Hands-on with multimodal context handling and LLM output-quality evaluation.
- **Web & Cross-Platform** — Primarily React; also Vue, Nuxt / Next and Node.js. Experience with AWS services and integration testing, mini-programs, Electron desktop, browser extensions, SDKs and client-side hybrid development.
- **Other** — Payment integration. Owner experience on enterprise back-office projects. Low-code platforms and scaffolding.

EDUCATION

 **Harbin Institute of Technology**

BEng, Software Engineering
2015.09 - 2019.07

CONTACT

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EXPERIENCE

Xmind · Full-Stack Engineer

2024.01 - 2026.07

Quin · AI tarot app · ~290K MAU · ~54K AI readings / day

- **Cross-platform**: built the web and mini-program clients (WeChat, Kuaishou) and adapted WeChat H5 for login, sharing and payments; implemented a card-draw interaction shared by web and mini-program, and local / cloud session storage supporting resume and history merge
- **Payments**: built the payment flows for the Kuaishou mini-program and WeChat H5 / mini-program; maintained Apple in-app purchase and subscriptions
- **Growth**: shipped referral, annual-report and similar campaigns, plus a one-tap posting mini-program and an Electron review tool that sped up posting and internal review; built the paywall A/B analytics dashboard
- **SSO**: migrated staff SSO to an OIDC gateway

Starry · AI bilingual browser

- **Translation engine**: side-by-side translation of a full page or a single passage — segment pre-processing, viewport-first queue scheduling and request batching, two-tier local / cloud caching, several display styles, with dedicated handling for X, Reddit, GitHub and Google Search
- **Reading**: save any page for offline reading; detect article content and enter an immersive reader; ad and privacy blocking, plus a built-in Hacker News feed
- **AI Chat (macOS)**: ask about the current page, selected text, images or PDFs without leaving the browser, with dedicated support for editors such as Google Docs, Notion and Gmail

AI Exploration

- **Mapify AI Search**: chose the retrieval backend for Mapify, an AI product that turns content into mind maps — built a search app with switchable providers to judge Exa, Serper, Jina and Tavily on real questions, and separately forked promptfoo for batch evaluation with Perplexity answers as a reference
- **Deep Monkey**: a Chrome extension that turns a plain-language request into a reusable script for one site — pricing overseas shopping pages in the local currency, showing IMDB ratings on Netflix. An agent loop lets the model run JS and correct itself from what comes back; users supply their own API key, which never enters the conversation or the script

EXPERIENCE (CONT.)

ByteDance · Frontend Engineer · Data Platform

2022.03 - 2023.06

Gaia Lowcode · low-code platform

- **Form architecture:** owned the product design and underlying form architecture of the property editor and delivered the refactor; it covers every form scenario in the editor — 50+ generic and 100+ business components — and is reused by other config and service-orchestration panels, earning a department spot bonus
- **Adoption:** data-analysis pages for three business lines — Douyin Life Services, Creator Platform, Toutiao / Xigua

Metric OKR Solution · Owner

- built a low-friction, one-stop OKR dashboard on top of Gaia, with Feishu doc embedding and spreadsheet export
- **Adoption:** 20+ pages across customer service, international e-commerce, international risk control and life services

Kuaishou · Frontend Engineer · Efficiency Engineering

2019.07 - 2022.02

Frontend Platform Engineering · Owner

- **Tooling:** built an NX-based monorepo and a team scaffold that generates apps, components, modules and models
- **Standards:** led the rollout of eslint, stylelint and commitlint
- **Adoption:** ~6 projects across the Health, BPM and administrative teams

Administrative Systems · Frontend Owner

- led one contractor covering the frontend for administrative services — 15 h5 apps and 2 admin consoles — and migrated them onto the monorepo

Other

- contributed to the e-signature system from zero to one and to early payroll work; refactored the data tables in the permissions platform and built its Node.js SDK; contributed to the Kuaishou open platform

OPEN SOURCE

Rematch · React state management · ★ 8.4k · Collaborator

2020.08 - 2022.01

- **Refactor:** rewrote the type system, closed 20+ issues and drove 10 pre-releases plus the v2 stable release; filed 5 issues with TypeScript, including 1 bug and 2 limitations
- **Docs:** co-built the new documentation site, served as technical reviewer for the official book *Redux Made Easy with Rematch*, and wrote an 8-part source-code series
- **Other:** fixed 5 bugs and closed 10+ related issues, co-built 2 features, introduced typings test cases