

# Anna Gong

## Full-Stack / AI Agent Product Engineer

anna4code.dev@gmail.com | anna4code.dev/projects | github.com/anna4dev | Remote, UTC+8

8+ years shipping production web and backend systems. Built and launched an LLM product with multi-agent pipelines, schema verification, and eval gates. Strong in TypeScript, Next.js, Python, and PostgreSQL. Focus on maintainable, testable, production-ready code.

### Skills

Full-stack: TypeScript · Next.js · React · Vue · Node.js · Express · Python · Go · PostgreSQL · REST APIs · Redis · RBAC · CI/CD · Sentry

AI: Multi-agent pipelines · LLM workflows · Tool calling · RAG · Schema validation · Eval gates · Cursor

### Projects

**jobsignal.dev — LLM job structuring** | *Python · Next.js · SQLite* 12/2025 - Present

- Built a multi-agent pipeline with code-driven orchestration, persistence, and error handling; shipped structure stage using rules + LLM + schema + verifier extraction
- Integrated Tavily tool calling; few-shot retrieval and verifier policies for reliable LLM output
- Golden-set eval and PR regression gates (93% → 97%); 97.3% core-field accuracy
- Live Next.js product (13K+ GSC impressions); user correction loop for golden-set and rule iteration

**Pathlight — AI lesson-planning system** | *MCP · Claude Desktop* 5/2026 - Present

- Built PDF → structured JSON pipeline with MCP-based phased context injection and schema + grounding validation; blocked render on validation failure

### Experience

**Independent Contractor | Full Stack Engineer (Remote)** 4/2021 - 6/2025

- 0→1 full-stack internal admin for virtual-goods commerce (catalog, promos, multi-storefront config); B-end batch reconciliation with Stripe/PayPal (status sync, fee validation, anomaly detection, finance email alerts)
- 0→1 frontend for multi-tenant train booking: agency tenants manage orders, refunds/changes, and verification; platform ops handle contracts and onboarding
- Built small multi-tenant content platform: company accounts, multi-channel aggregation
- Designed shared RBAC across Go backend services and frontend apps
- Refactored modules, upgraded legacy frontend stack, expanded tests, logging and monitoring

**RedNote (xiaohongshu) | Front End Engineer (On-site, Shanghai)** 9/2017 - 8/2020

- Built config-driven marketing system (Vue + Python): listing APIs (Redis-first, DB fallback) for promo rules and price watermarks, reducing frontend hard-coding
- Evolved promo tooling from C-side config rendering to B/C integrated campaign config and page orchestration
- Implemented Python-based coupon priority ranking, improving match/redeem paths and rGMV

**Ctrip (xiecheng) | Front End Engineer (On-site, Shanghai)** 3/2016 - 7/2017

- Delivered booking and reimbursement features in a travel system, ensuring stability of core user flows through production issue handling and iterative improvements.

### Education

B.S. in Computer Science, Chongqing Technology and Business University, China

2015