Anna Gong - Full Stack Engineer

Email: anna4code.dev@gmail.com | Portfolio: anna4code.dev/projects | Remote (timezone-flexible)

Product-focused full-stack engineer with a backend emphasis, building and operating production systems that handle complex workflows, automation, and evolving requirements. I own features end to end from problem framing and system design to reliability in production. I work comfortably in remote, async teams with a strong bias toward documentation, clarity, and maintainable systems.

Skills

Backend & Systems: Python, TypeScript, REST APIs, SQL (PostgreSQL, SQLite), background jobs, RBAC, CI/CD (GitHub Actions), observability & monitoring (Sentry, Grafana)
Frontend: React, Next.js, TypeScript, CSS/Tailwind, Storybook, Vue.js, Angular
Languages: Python, TypeScript, Go, JavaScript

Experience

Yitie (Contract) | Front End Engineering Lead (Remote)   12/2024 - 6/2025

- Owned an end-to-end train ticketing, entitlement, and fulfillment system, covering access control, provisioning, and post-purchase workflows in production at scale.
- Made trade-offs (e.g. PDF generation) to balance delivery speed, system reliability and scalability.
- Designed and shipped an online identity verification Mini Program (Taro/React/TypeScript), streamlining in-person ID re-verification flows and reducing user and operational friction.

Non-Profit Organization | Senior Full Stack Engineering (Remote)   4/2021 - 10/2024

- Abstracted App/Web content operations into reusable product capabilities via widget engines, letting marketing team configure homepages and campaigns without code changes or redeploys.
- Designed and built auditable operational flows with RBAC, approval workflows, and automated reconciliation, reducing human error and operational risk for marketing and finance teams.
- Set technical standards for long-term system quality, executing an Angular 6-17 migration, Storybook standards, and automated testing to reduce technical debt and raise the quality bar.

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

- Implemented data-driven experimentation (A/B testing and personalized user journeys) in commercial user flows to support product decision-making.
- Built a configuration-driven activity and workflow engine with promotion logic (e.g. product image watermarking and price visibility), letting operations teams iterate independently.
- Improved frontend performance and reliability through code splitting, lazy loading, and monitoring.

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

- Delivered travel booking modules, reimbursement workflows for cost efficiency, while handling escalations, incident response and bug fixes to guarantee system reliability.
- Built reusable UI components with 85–90% test coverage, minimizing regression risks.

Projects

Job Discovery Tool (Hacker News "Who's Hiring")   2026

- Built an automation-driven pipeline using GitHub Actions and LLM agents to ingest, normalize, and store unstructured Hacker News posts into a relational Turso (SQLite) database.
- Shipped a React (Next.js) dashboard with structured search to reduce information noise.

Education

B.S. in Computer Science (2015), Chongqing Technology and Business University, China