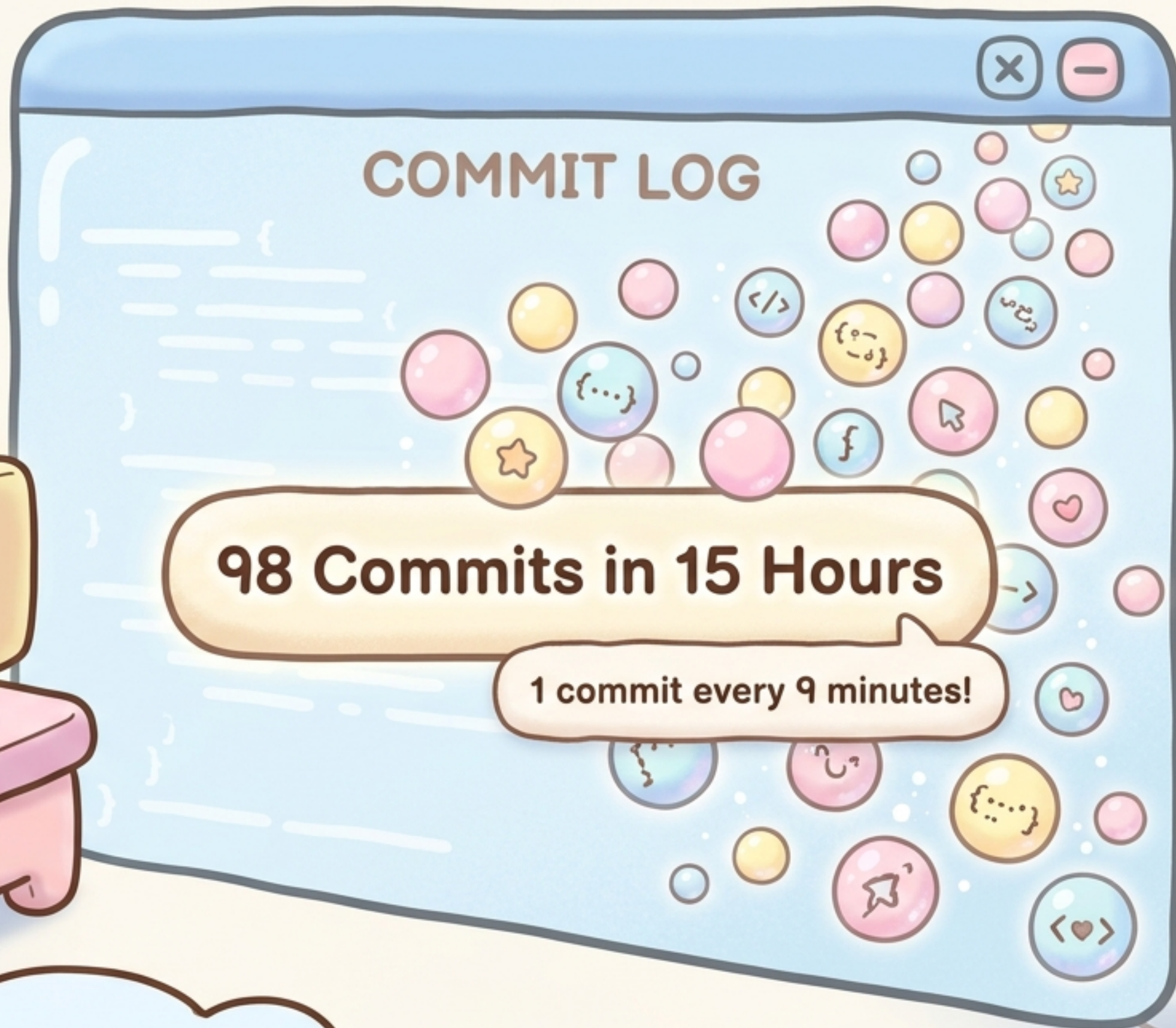


Day 27: The Feature Explosion



Three completely new products built from zero to production.
The single most productive day of the entire project.

The Refactoring That Made It Possible

~80 lines boilerplate per route



Standardized Streaming:
Migrated 15 API routes to one
`createAIStreamResponse()` helper.

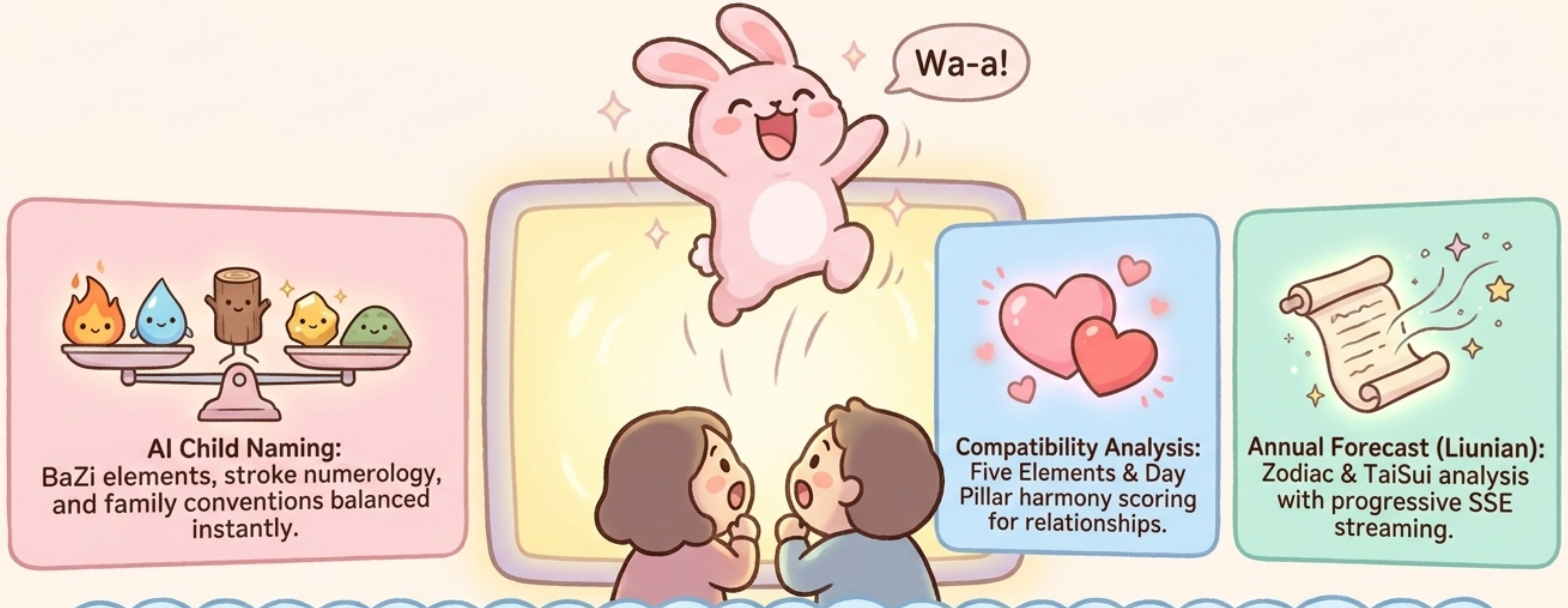


~15 lines

Centralized Cost Logging:
Replaced scattered Supabase
typing workarounds
with `createRouteCostLogger()`.

Net -400 lines of code. 1,942 tests passing. Shared infrastructure unlocked superhuman speed.

Zero to Production in Hours



The AI wasn't the bottleneck—the shared infrastructure (auth, credits, history) made this magic instantaneous.

The Invisible Bug (PR #34)



Invisible bugs happen if your test users are all in Bijing and Shanghai.

Diagnostic Flow

The Problem: BaZi city search failed for regional users. The original database only included tier-1 /tier-2 cities.



The Fix: Expanded database from 46 → 379 entries, covering all 333 prefecture-level divisions with coordinates and aliases.

The Secret: The Agentic Workflow



95% of the codebase was generated. But the **5% human input**—the prompts, product decisions, and integration glue—is what turns a demo into a real product.