Google Cloud

### Next'24

Make your app super with Google Cloud Firebase





Esther Lloyd

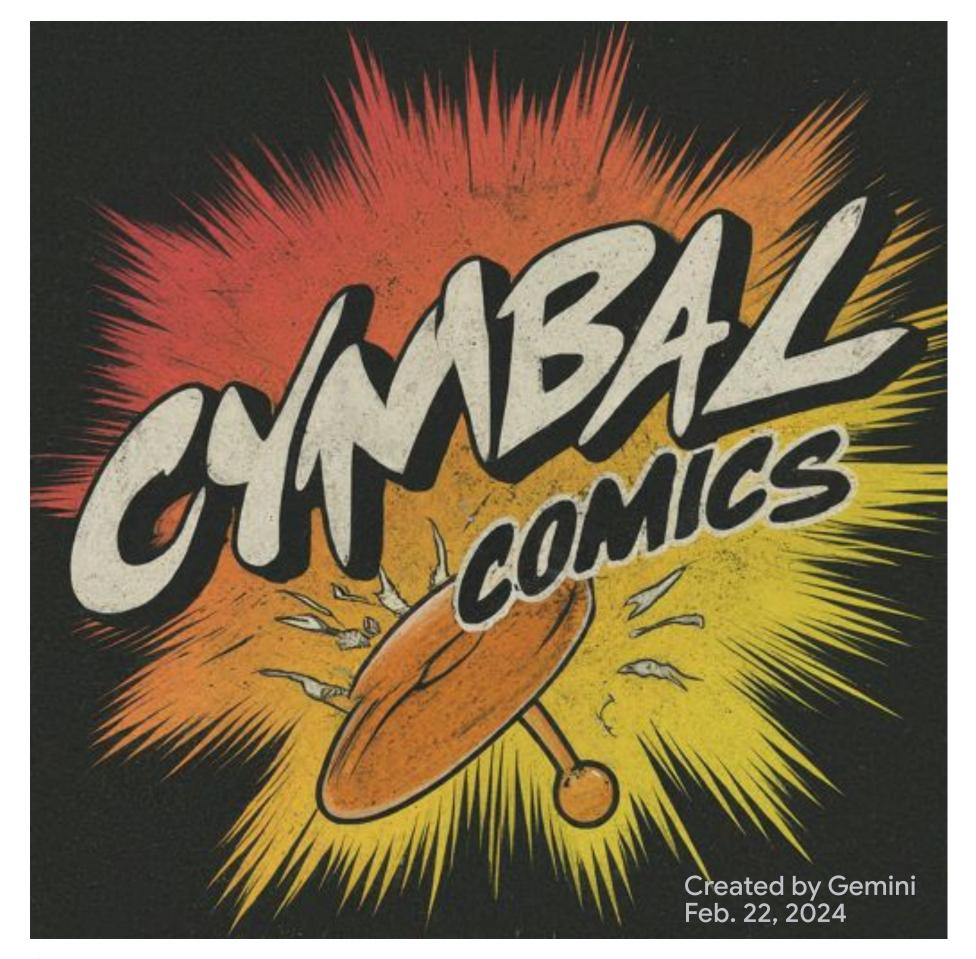
Customer Engineer, Google Cloud UK



Yvonne Monterroso

Product Manager, Google Cloud

## Cymbal Comics



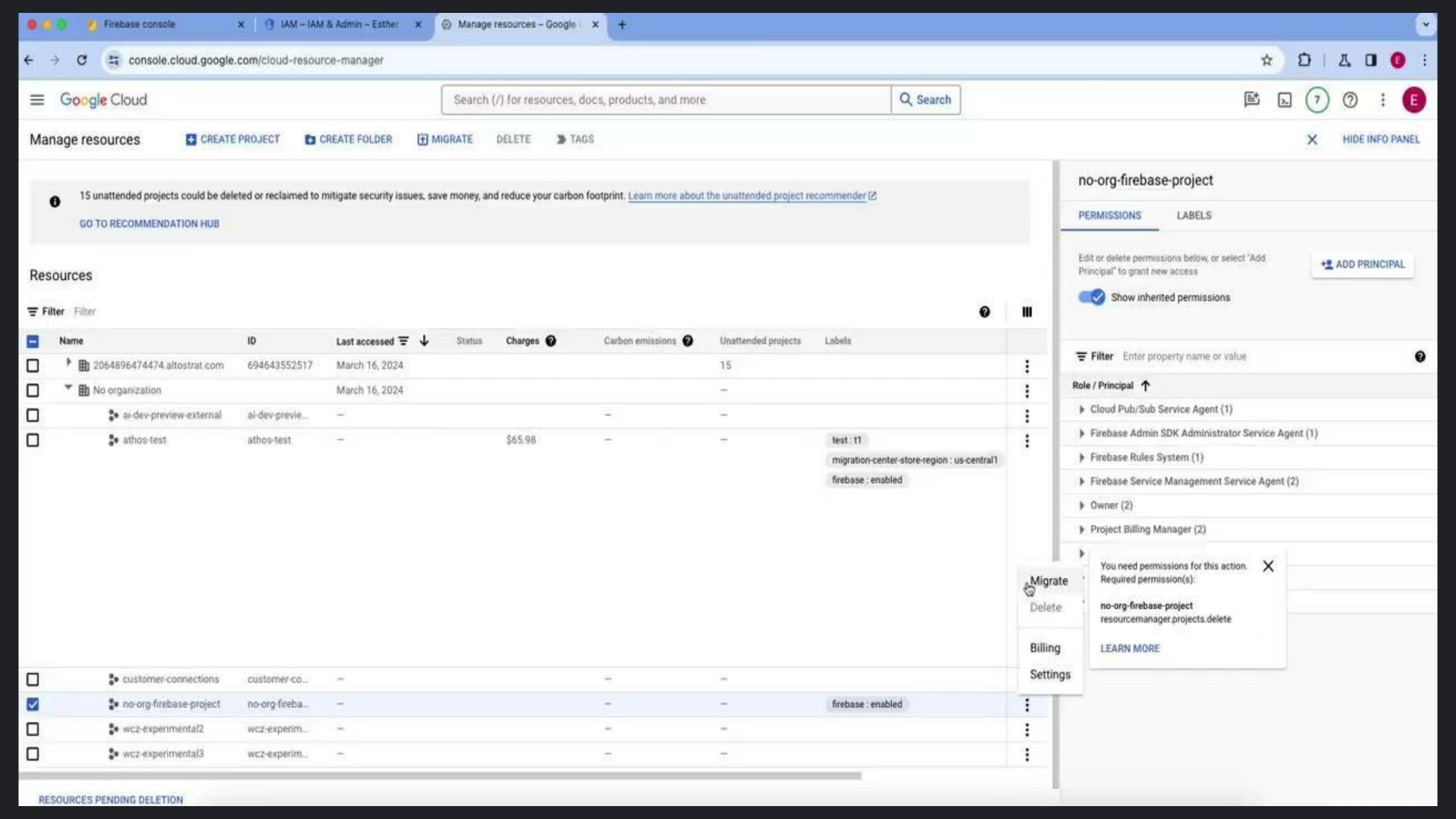
Google Cloud Next '24 Proprietary 04

### Agenda



- 01 Firebase and Google Cloud
- **02** Getting started with Al
- 03 Deployment
- 04 Data management
- 05 Performance
- 06 API security
- **07** Al assistance



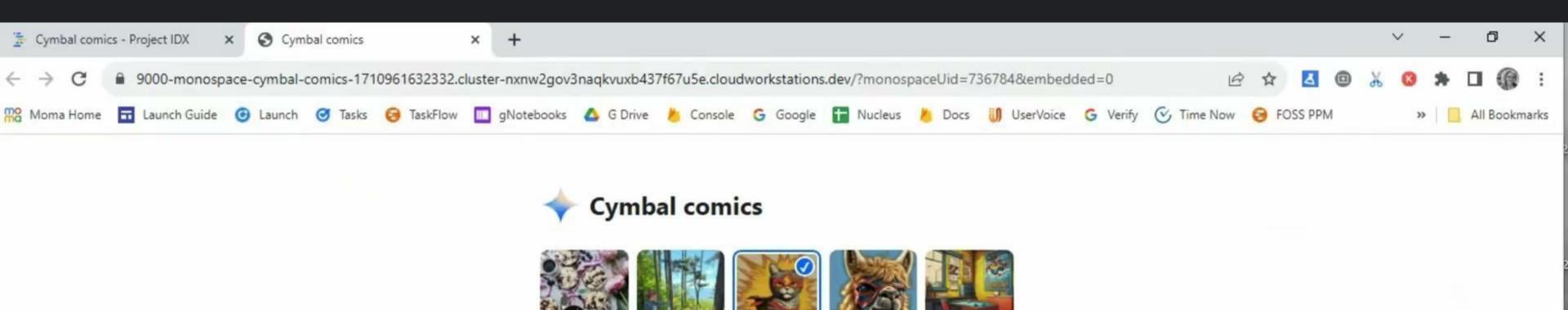




0 00000 With a wave, a mysterious little flame sparks light onto an easy to use client side Vertex AI SDK!!!

Created by Gemini

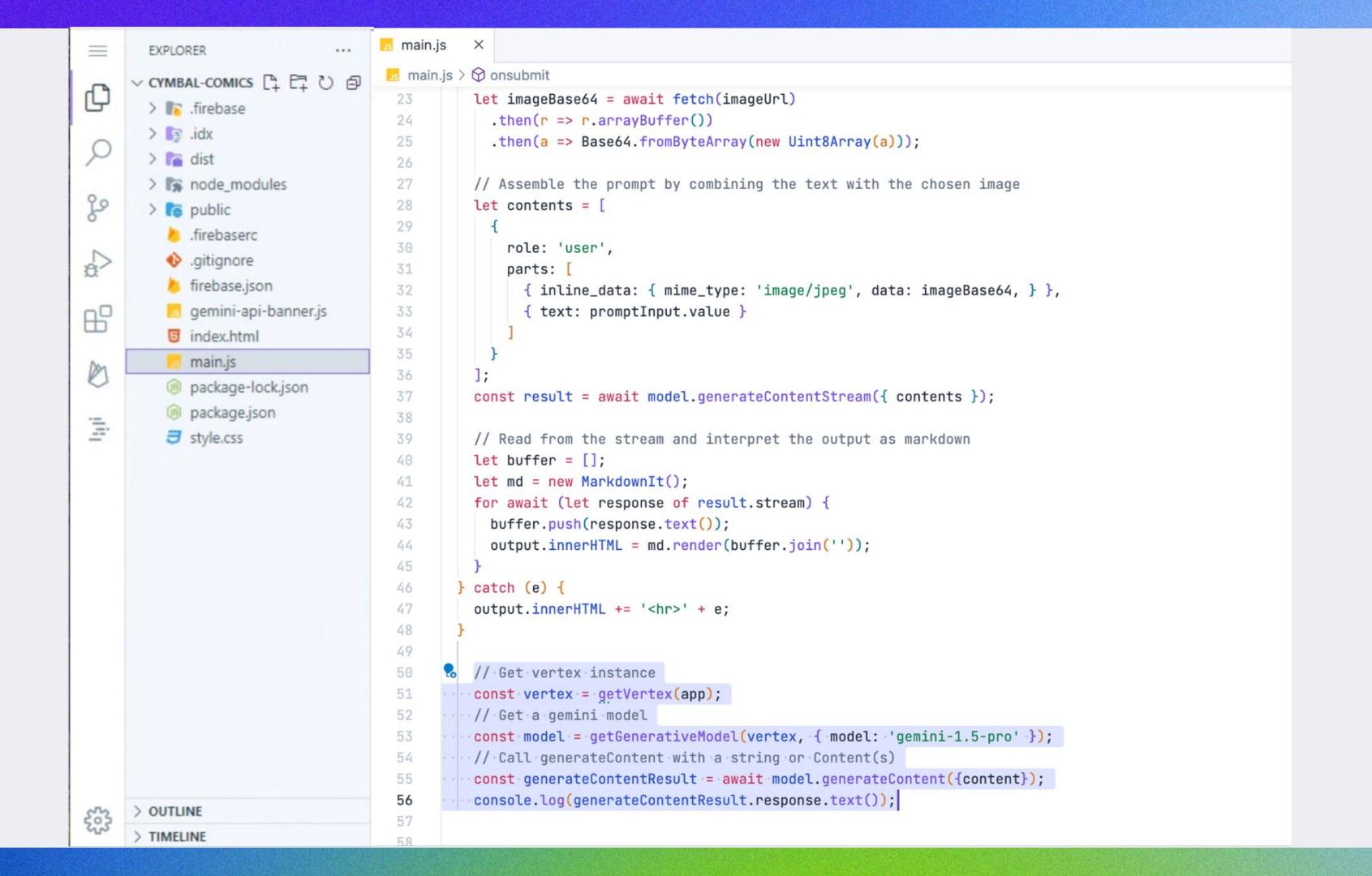
Feb. 22, 2024

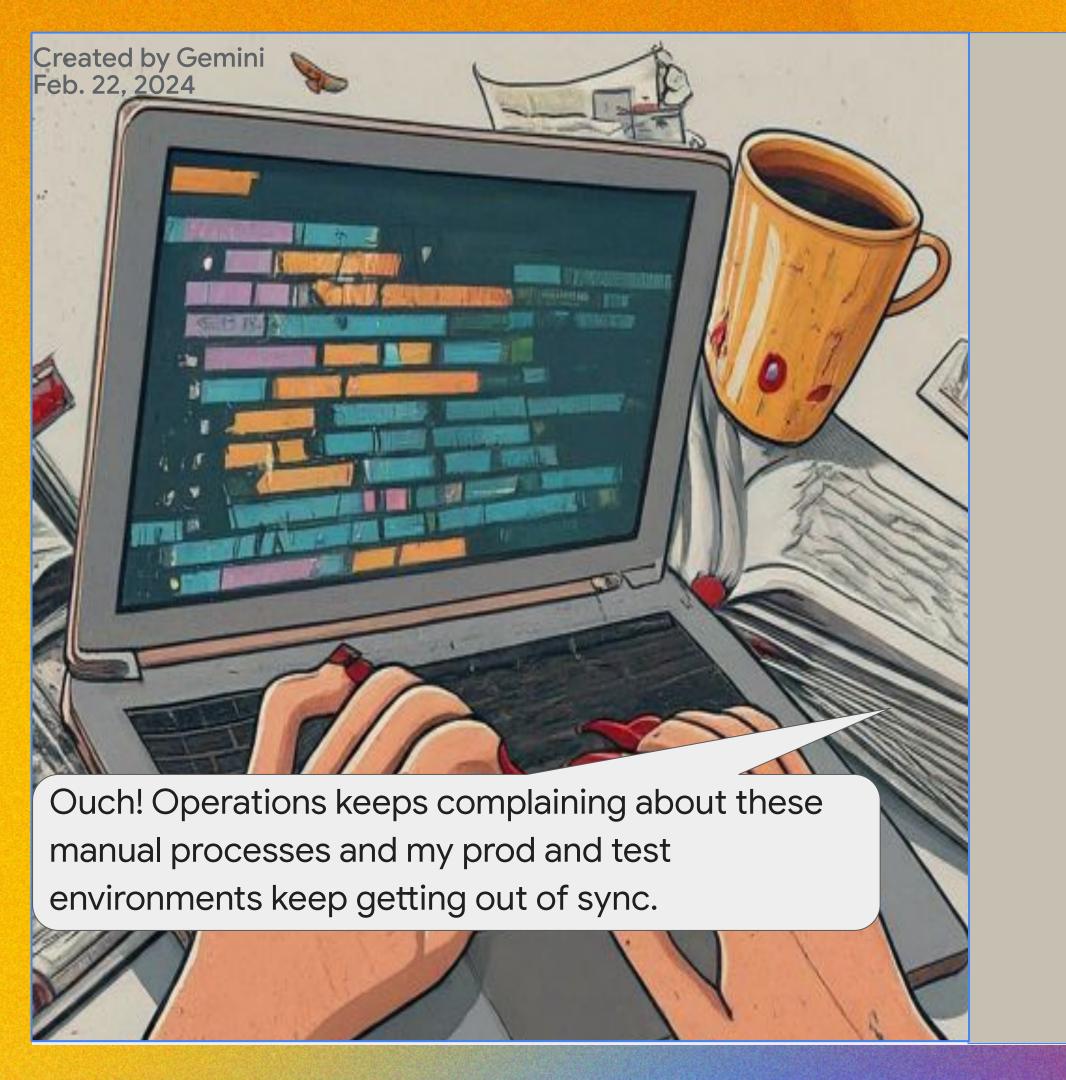


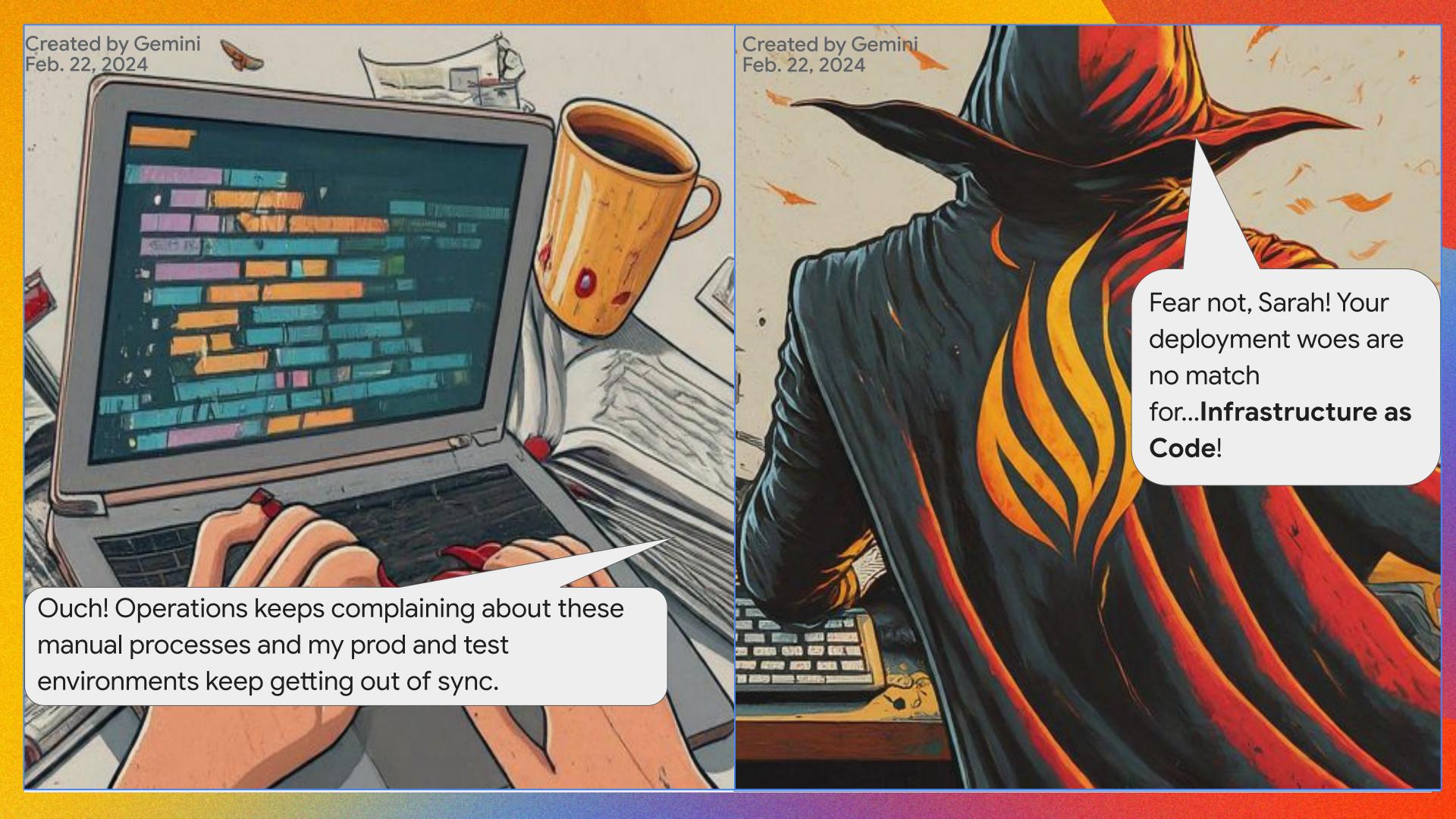
Provide a comic book style story about this image

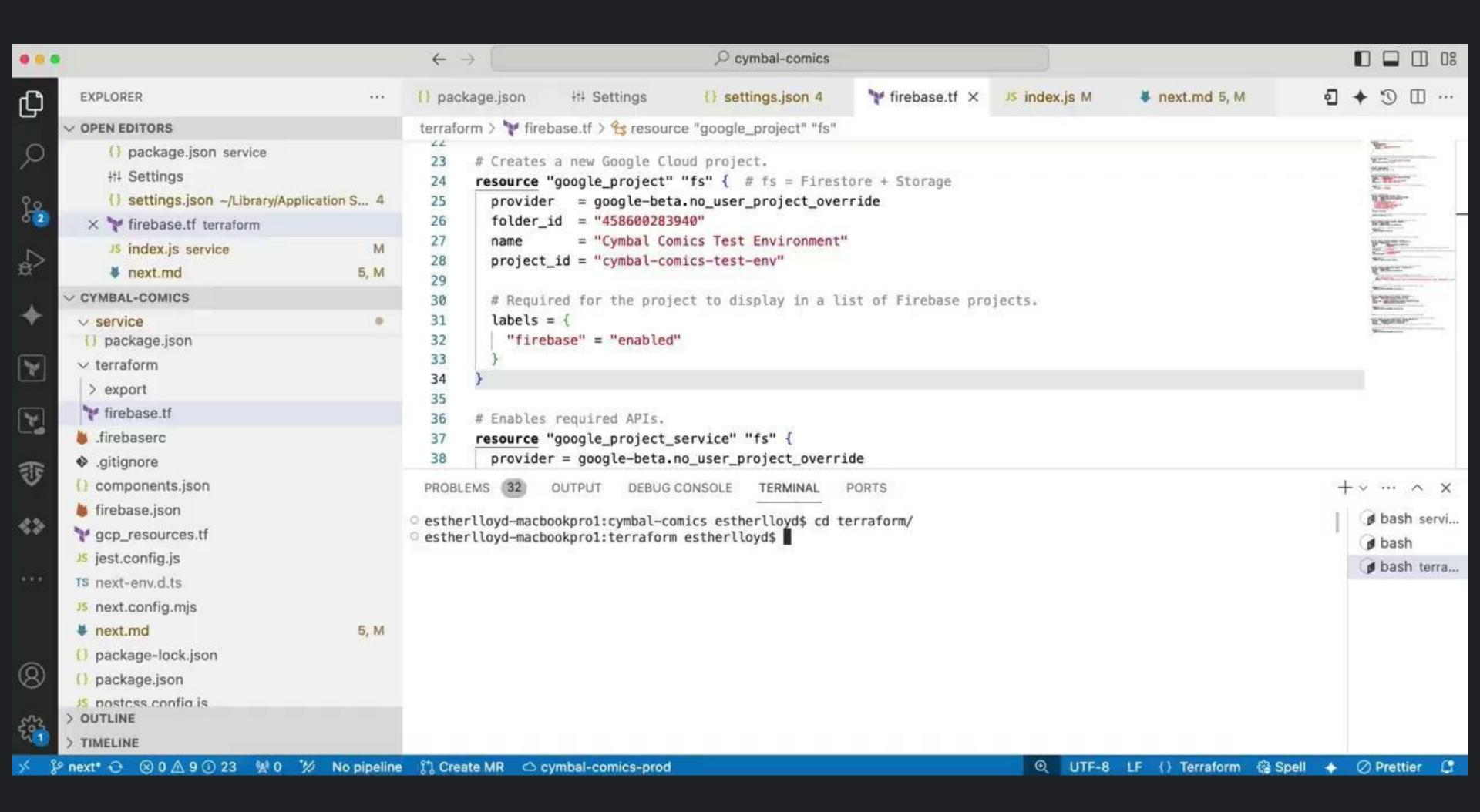
Go

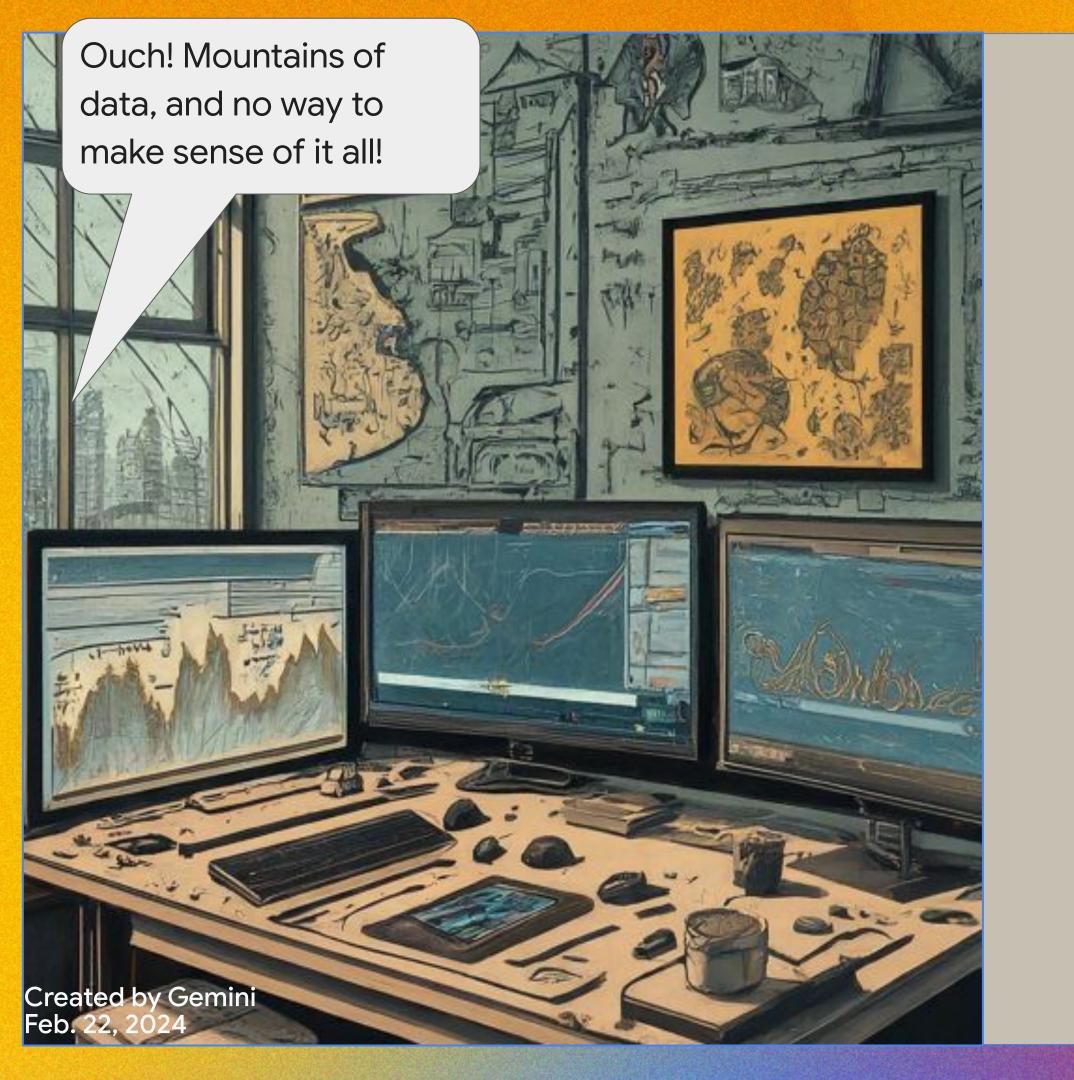
Generating...

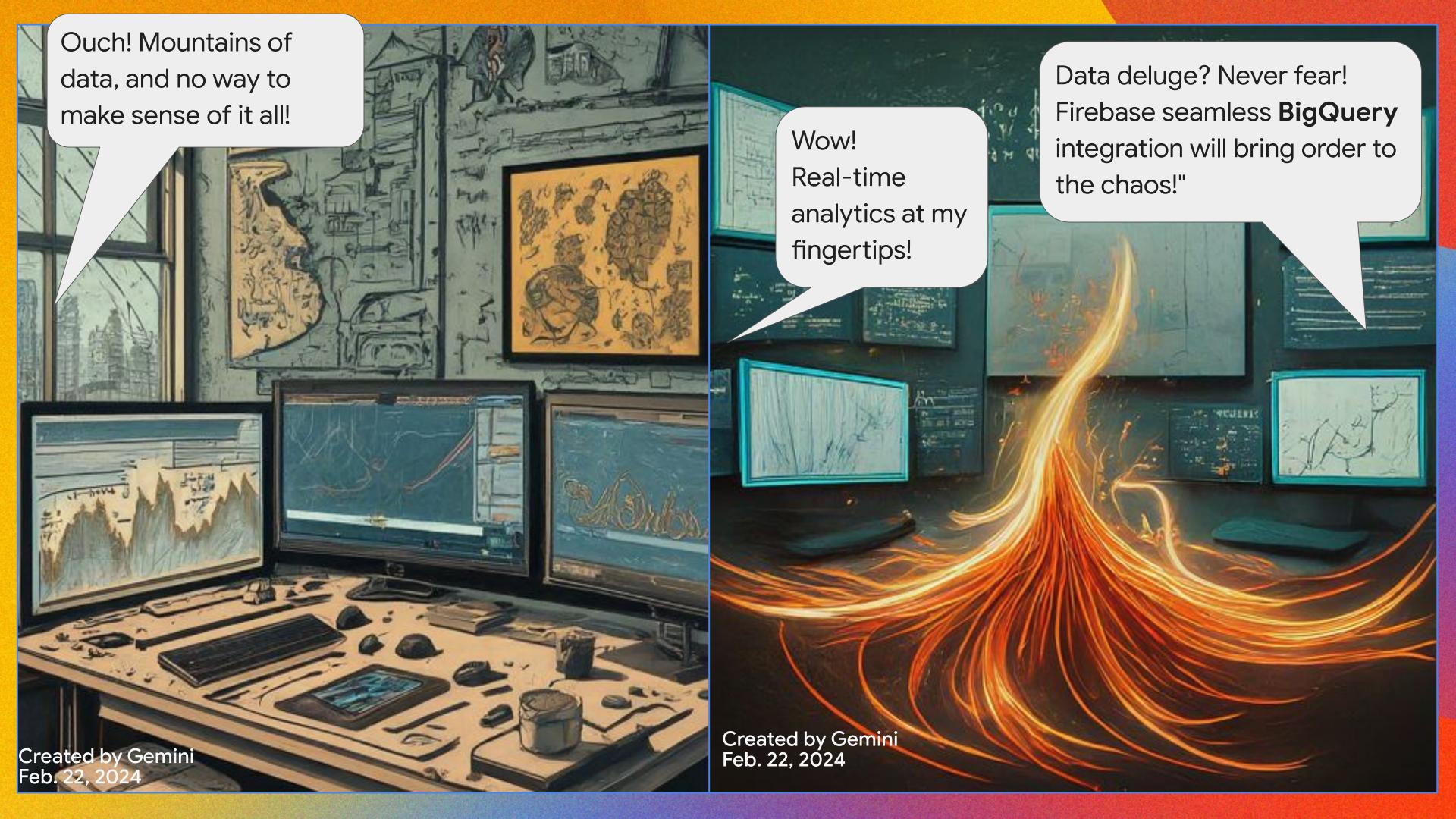


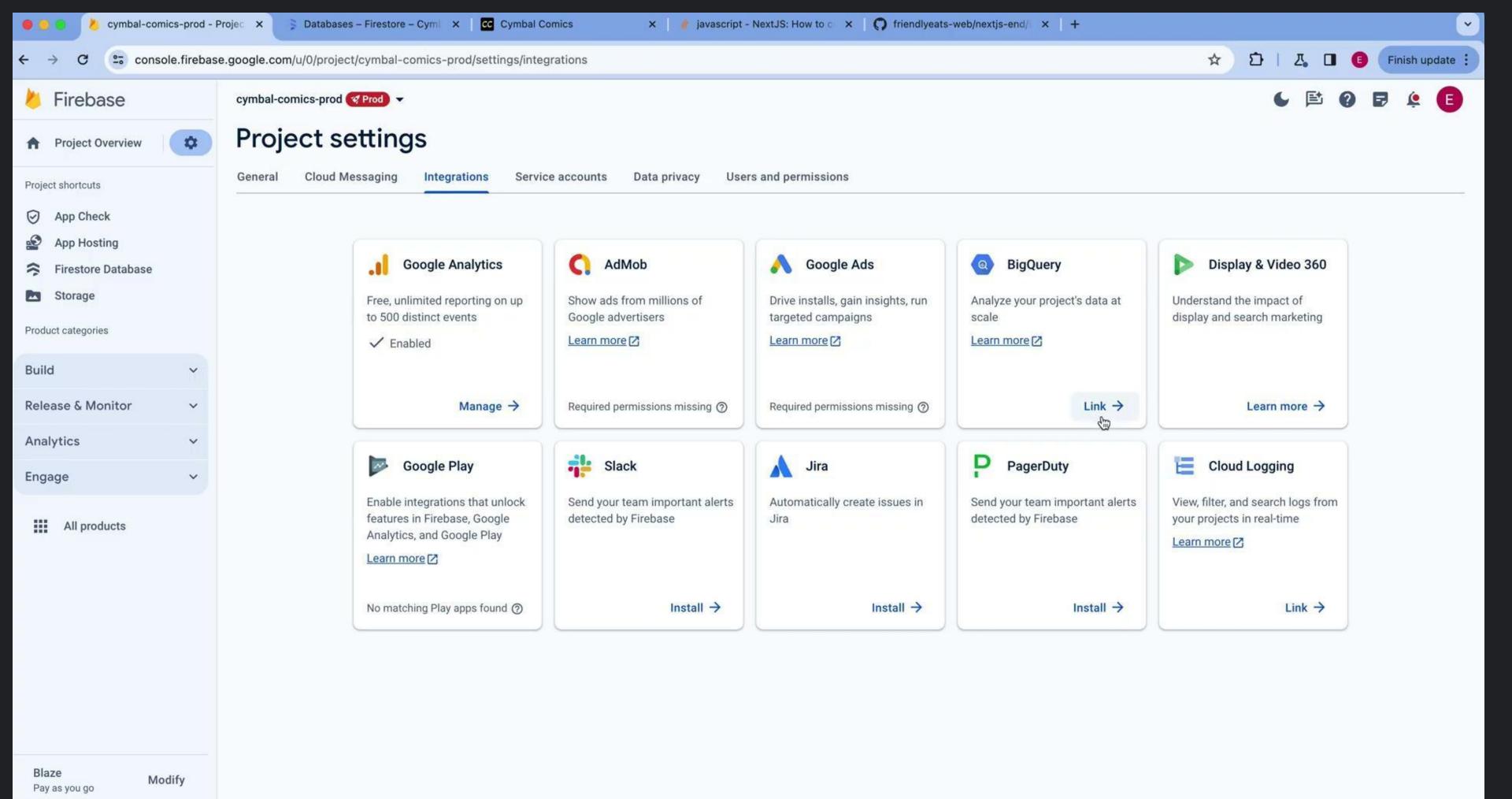


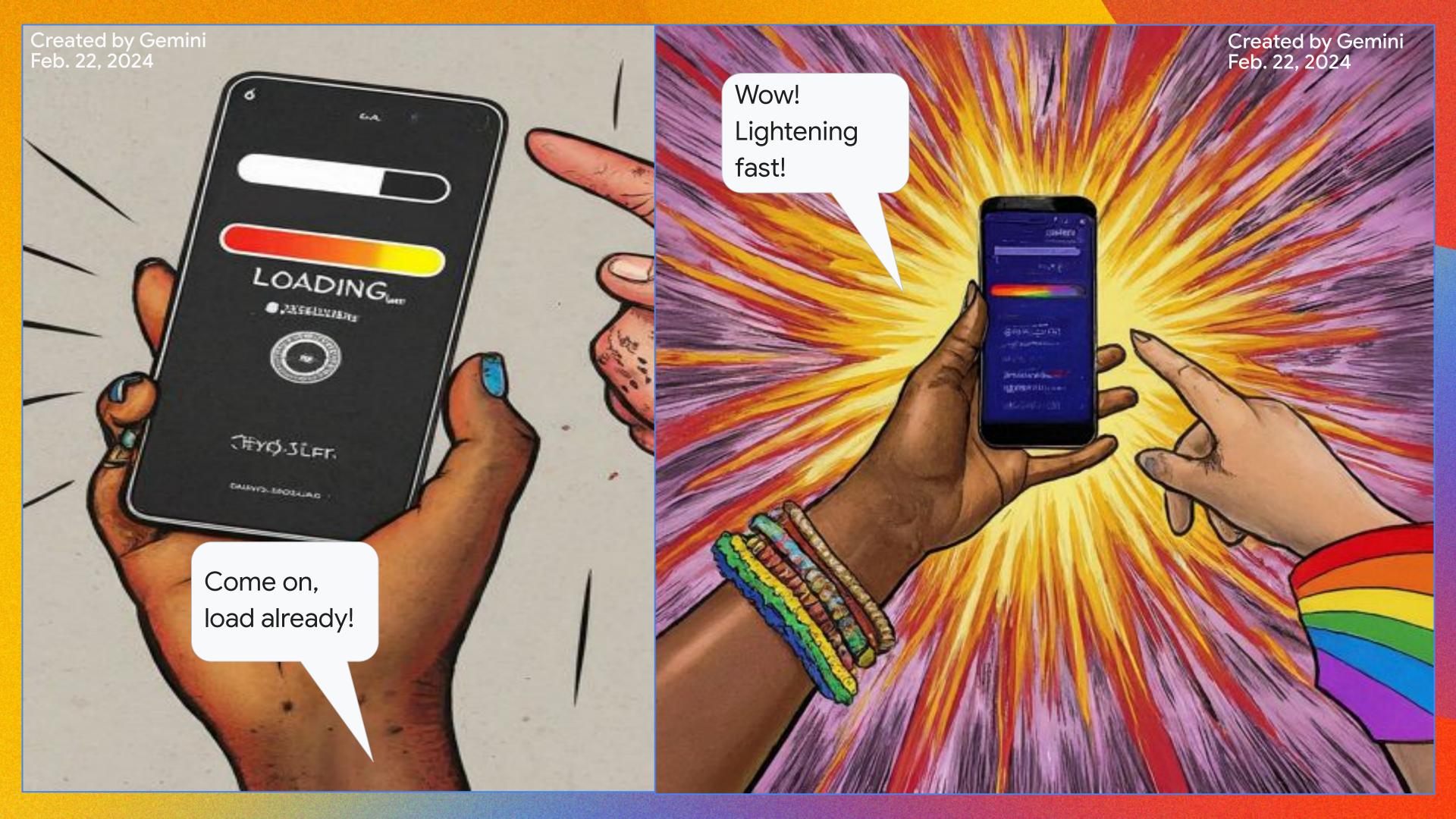




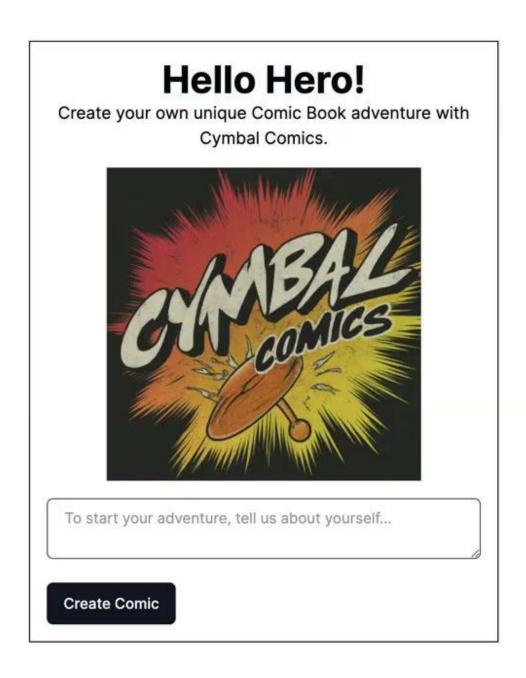


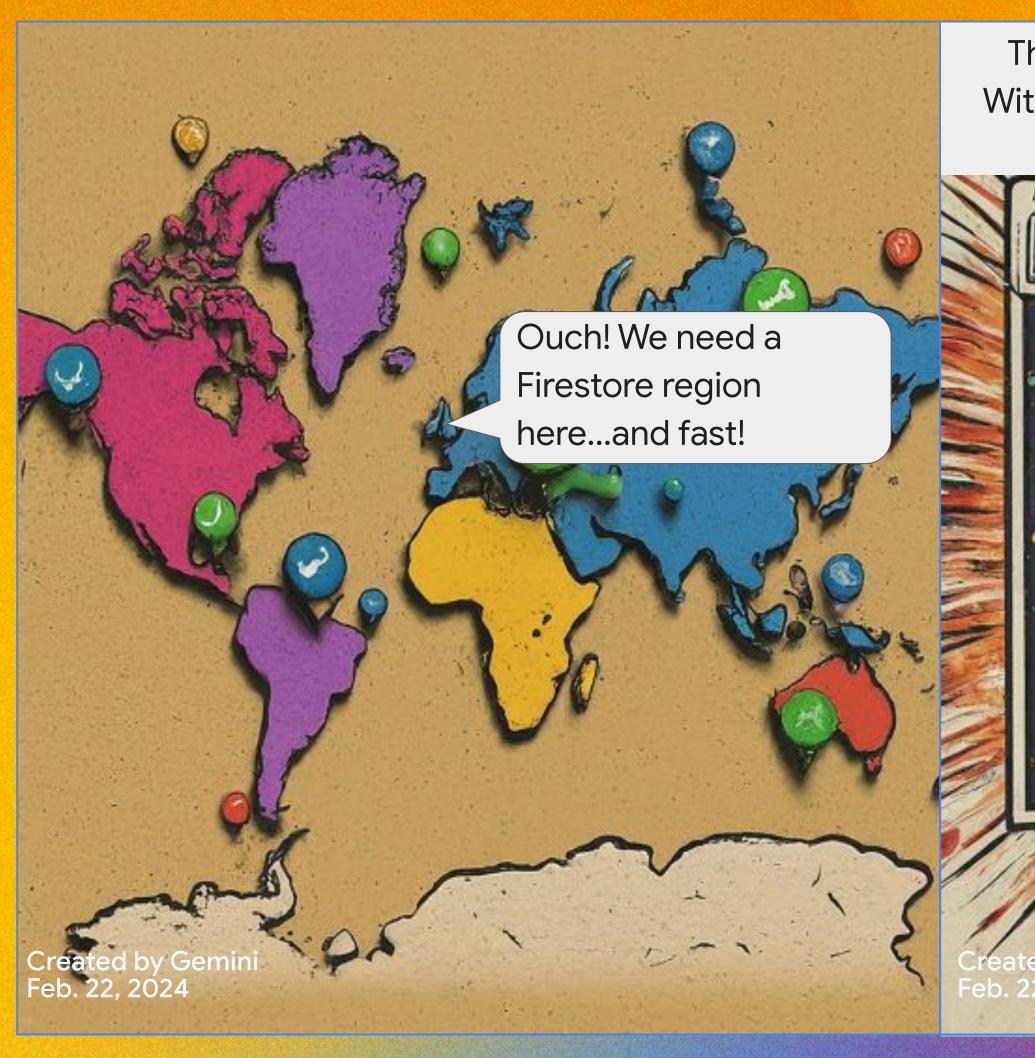






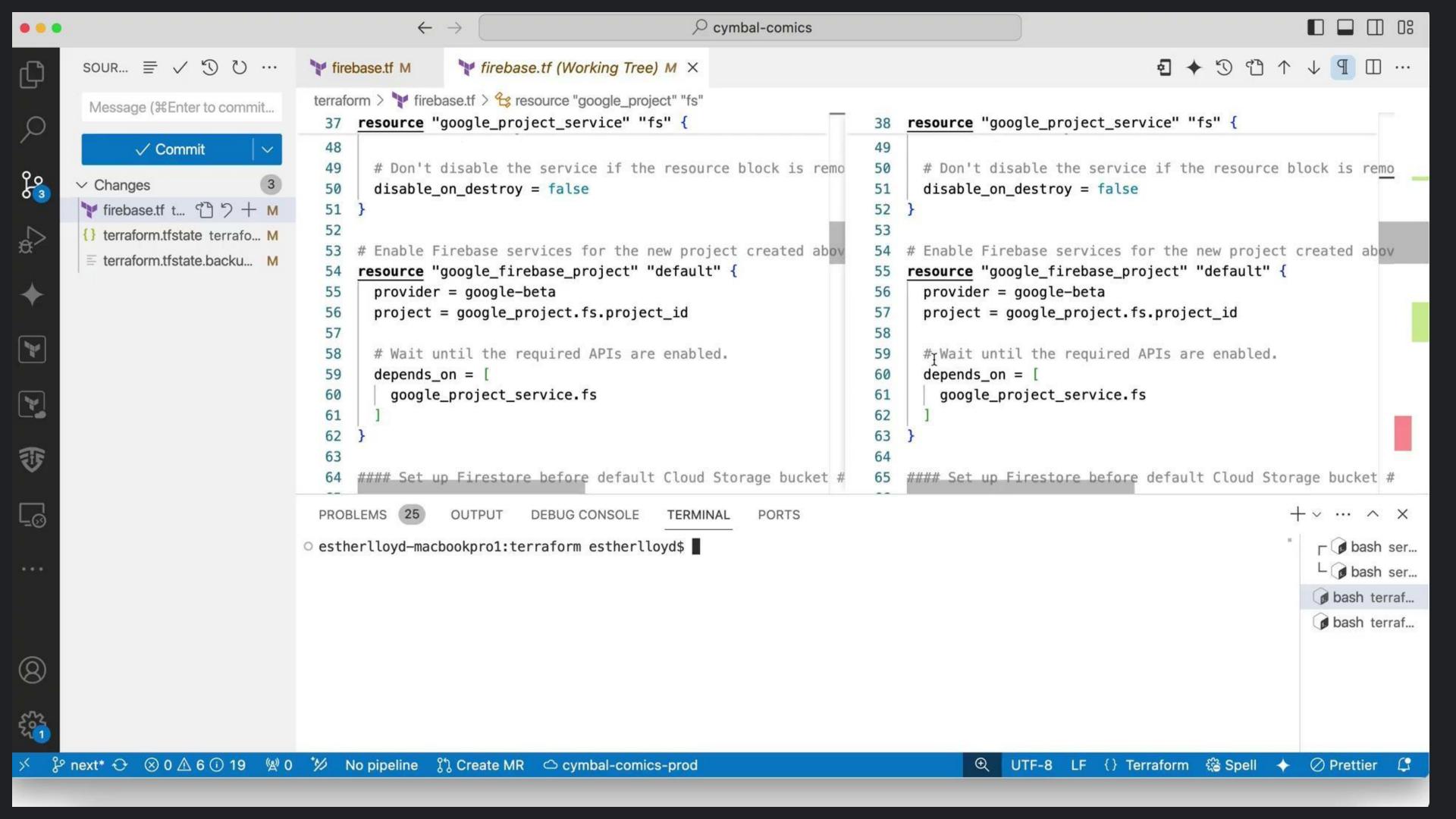


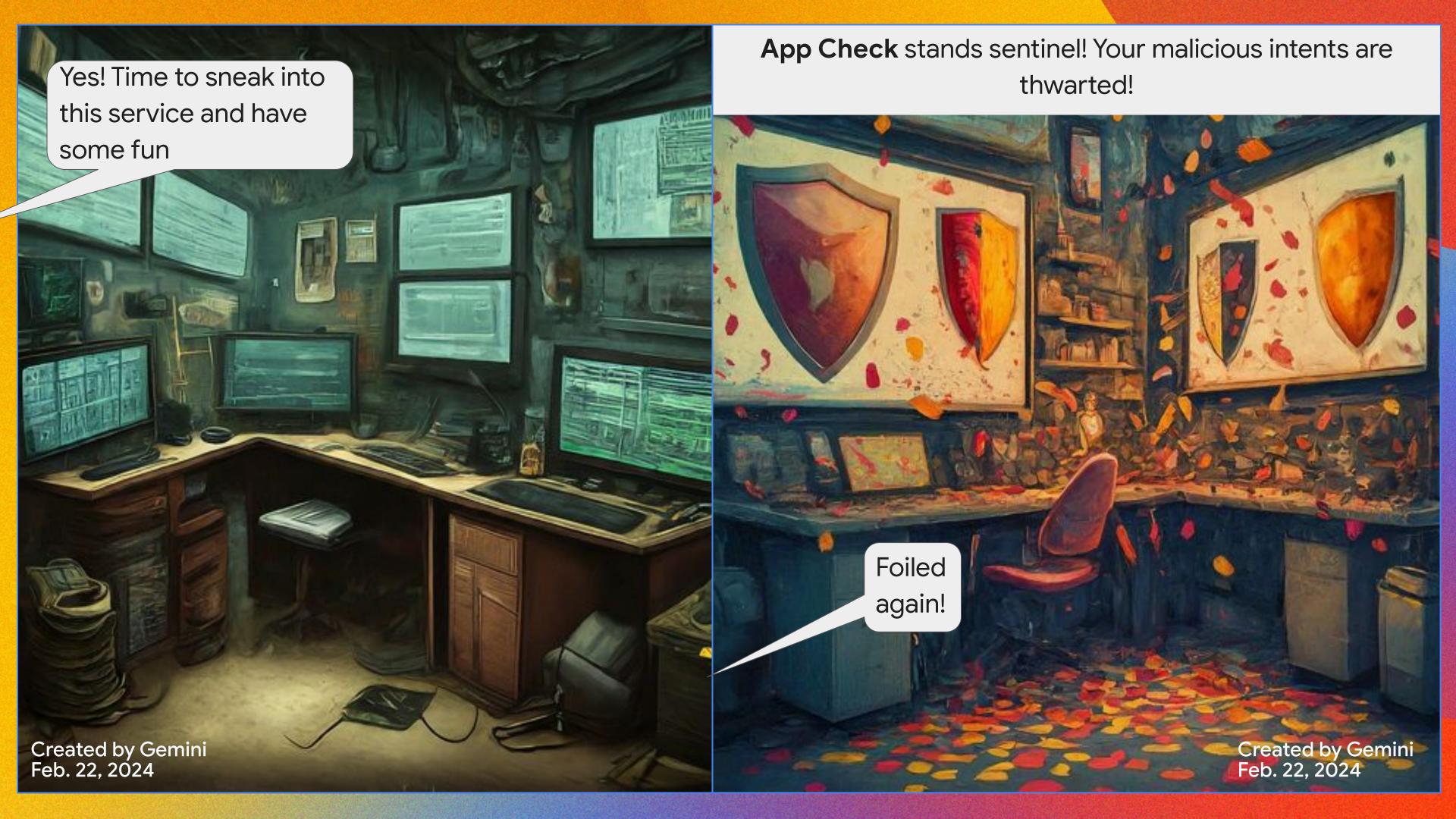


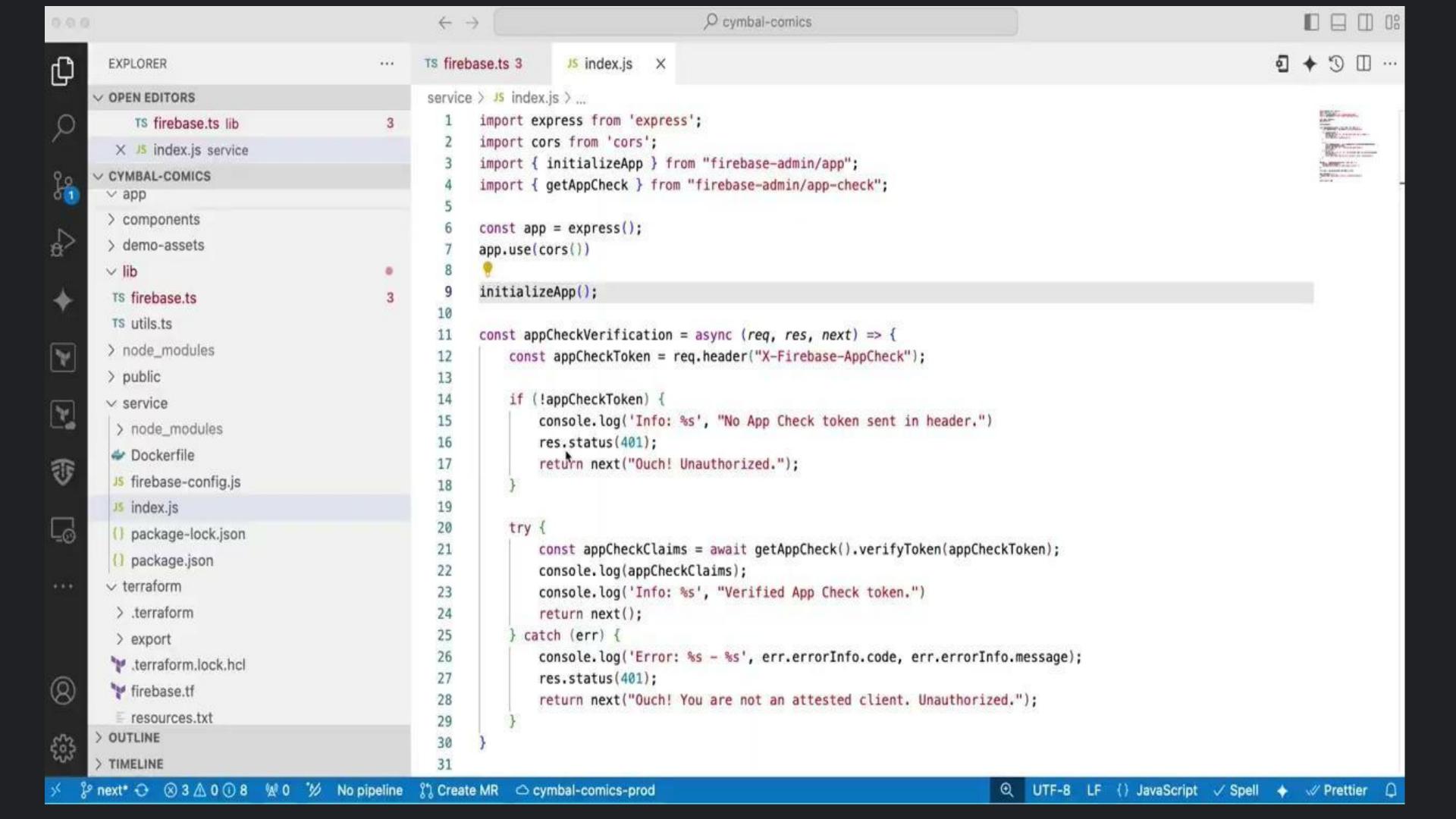


The **Terraform** provider weaves its magic once more! Witness the swift provisioning of a new **Firestore** region.



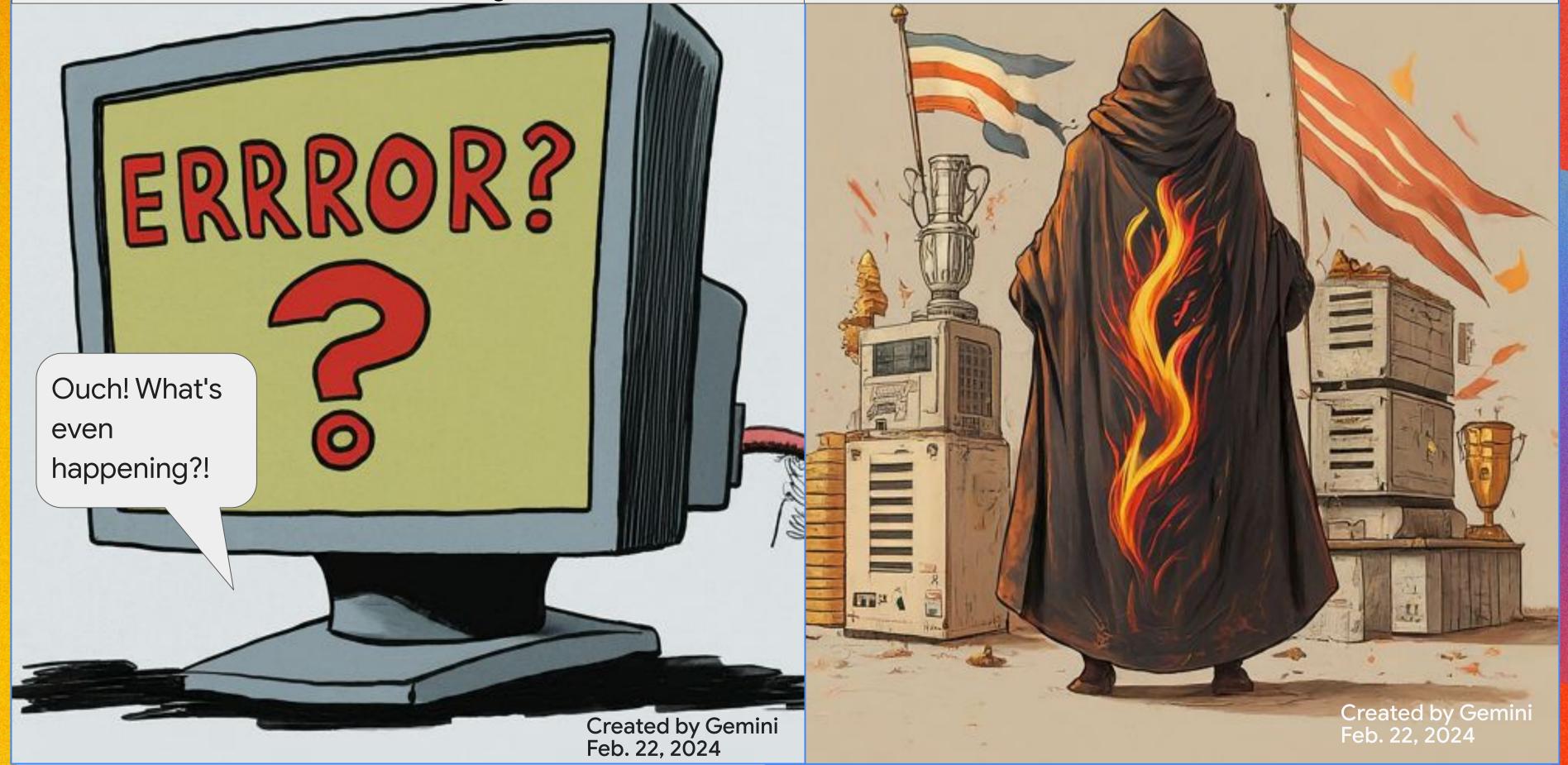


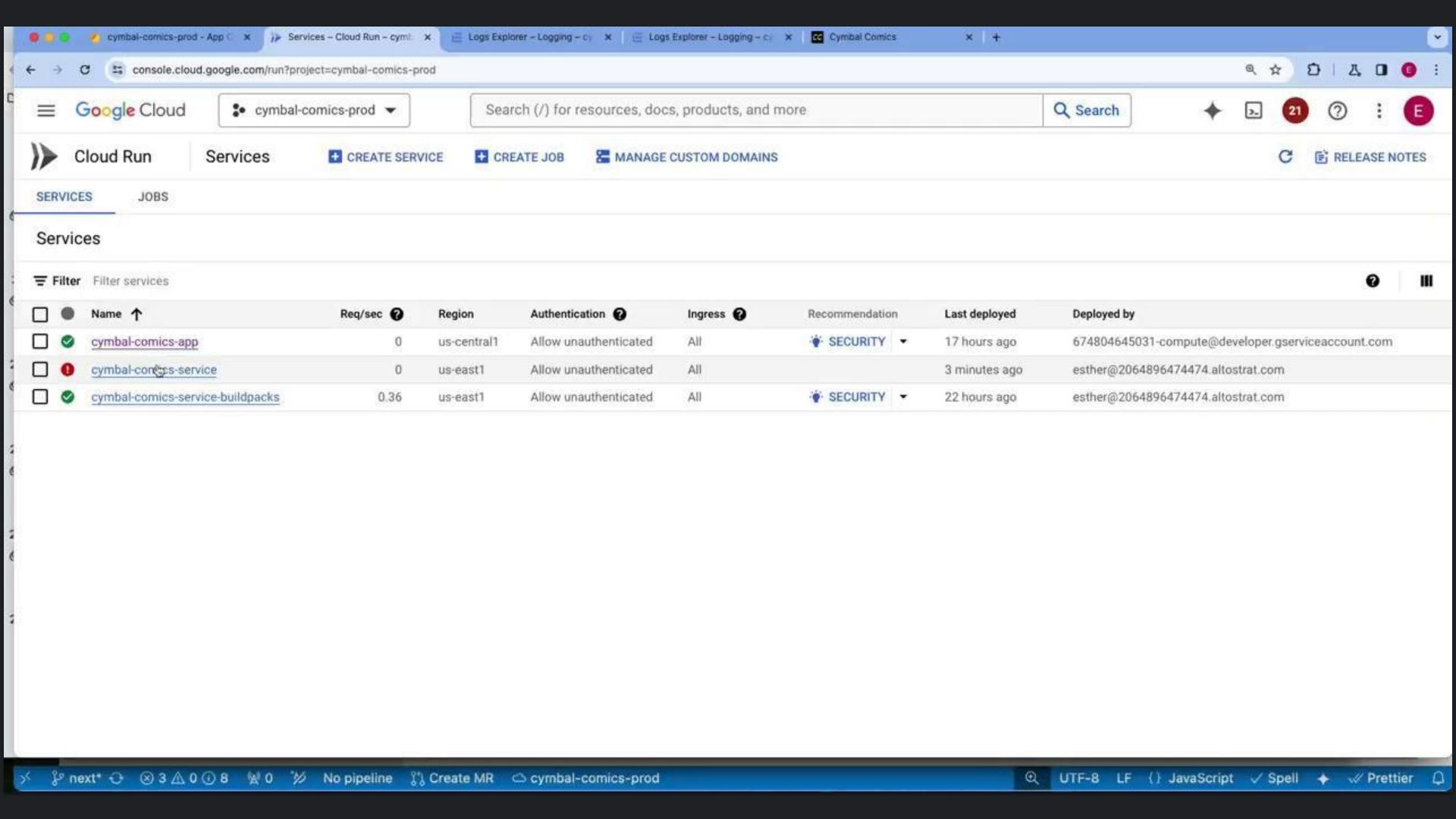




Stumped and confused, our developer is trying to decipher the error message.

**Gemini** deciphers the noise! Clarity emerges from confusion!



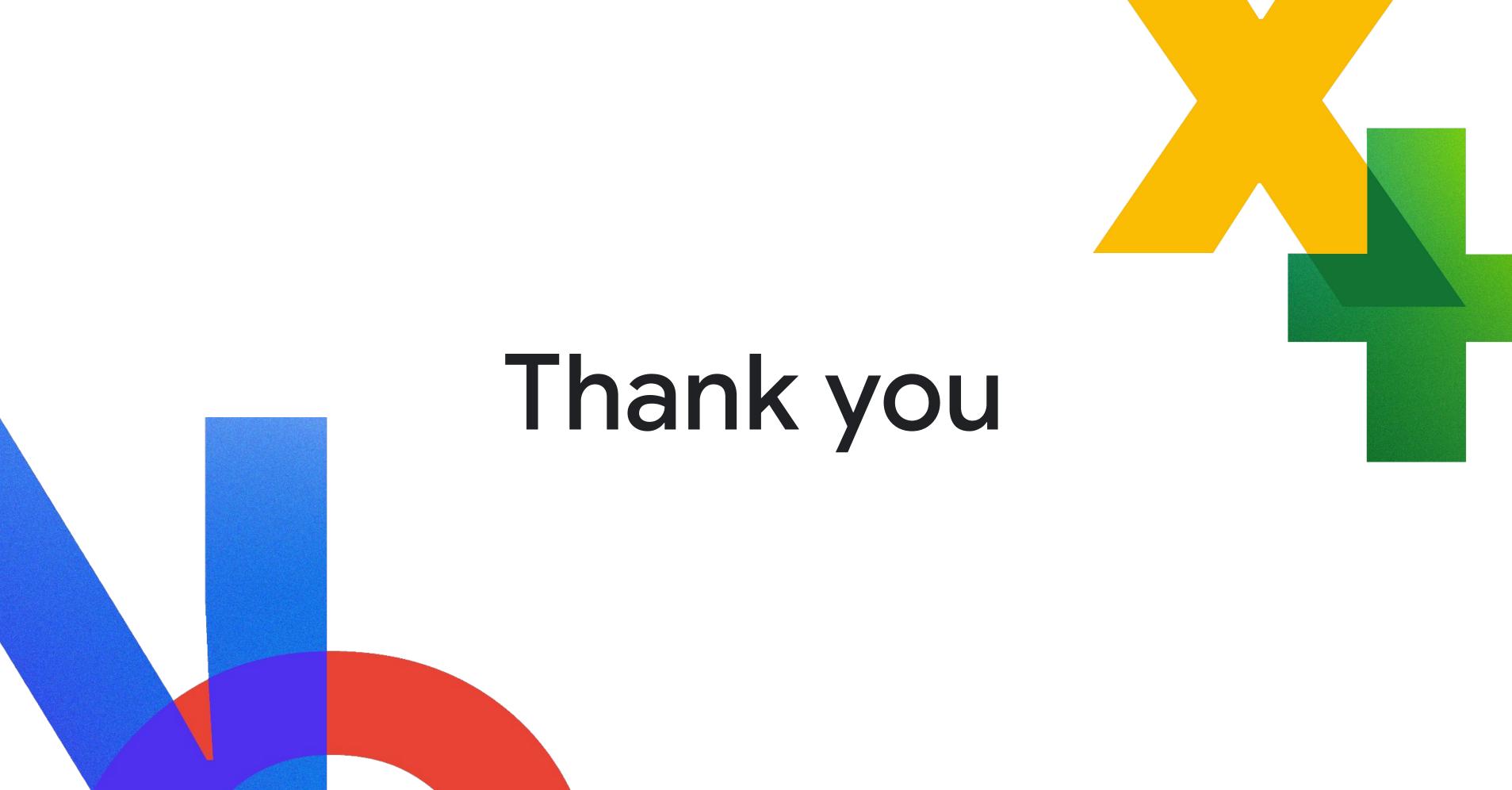






## Firebase





# Continue your learning journey!



#### Sessions

DEV219 - Built for planetary scale. Extending your Firebase apps with Google Cloud Al

DEV245 - Build real-world apps with Flutter, Firebase, and Gemini: A live coding exploration



#### Sessions

**DEV244** - What's next for Google Al and Vertex Al software development kits and the Gemini API

DEV220 - How Locket Labs scales their workloads: Leveraging generative Al apps with Firebase and Firestore



### **Sessions**

IHLT100 - Adding Al Capabilities to your mobile apps with Firestore Vector Search

IHWS112 - Accelerate
Firebase & Flutter app
development with Gemini: A
developer's productivity
powerhouse

# Ready to build what's next?

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