

Backend / AI Infrastructure Engineer

Build the layer that makes AI reliable, observable, and safe in production.

LOCATION
Remote (global)

TYPE
Full-time

About Flaredog

Flaredog takes enterprise AI from idea to secured production, end to end. Alongside our delivery work we build a product portfolio that turns recurring enterprise pain into software: DuraGraph, Finsightly, Tradoing, and UpstackLab. We are founder-led, early-stage, and expanding across Asia.

The role

Calling a model is the easy part. You build and run production AI infrastructure: serving, orchestration, retries, and durable execution, with observability and security built in from the start. You work directly with a small, senior team and help deliver systems into real production environments.

What you will do

- Design and build production AI infrastructure: serving, orchestration, retries, and durable execution.
- Make AI systems observable and debuggable, with tracing, metrics, and replay of any run.
- Harden systems for enterprise: security, access control, and cost control for LLM workloads.
- Work directly with the founders and ship into real production environments.

What you bring

- Strong backend engineering in Python and/or Go.
- Experience running services in production, and a real understanding of reliability, retries, tracing, and cost control for AI or LLM systems.
- Comfort owning a system end to end in a small team.
- Clear written communication, especially in code review and design docs.

Nice to have

- Open-source contributions we can look at.
- Event sourcing or durable execution experience, such as Temporal or similar.

- MLOps at scale, or experience building LLM gateways or agent frameworks.

What we offer

- Fully remote. Work from anywhere in your timezone.
- Real ownership of your area from day one.
- A small, senior team and direct founder access.
- Async-first, low-meeting culture.

How to apply

Apply at <https://flaredog.com/careers/ai-infrastructure-engineer>. We post shortlist updates on LinkedIn, follow Flaredog so you catch yours: <https://www.linkedin.com/company/flaredog/>. Want to move faster? DM us on LinkedIn, mention the role, and introduce yourself.