

OPEN SOURCE SUMMIT INDIA 2026 · MUMBAI

# The Moat Moved from Code to Context

Lessons from agentifying the Linux Foundation, in the open

**Manish Dixit** · SVP, Product, Engineering, Marketing Ops & IT, The Linux Foundation

17 June 2026

# The room is the story

**200K+**

developers in India  
contributing to Linux  
Foundation projects

**100%**

year-over-year growth —  
the fastest in LF history

**#1**

country worldwide for  
cloud native training  
enrollments

Source: LFX Insights · [insights.linuxfoundation.org](https://insights.linuxfoundation.org) — queried live via the open LFX MCP server

# India already proved this model

250 billion UPI transactions in 2025. ~8 billion API calls a day. Running on a Linux Foundation stack.

**UPI** the world's largest real-time payment system

**Hyperledger-family DLT · LF Decentralized Trust** Vajra —  
clearing & settlement reconciliation

**Kubernetes · CNCF** NPCI payment infrastructure in production

**Linux** the substrate underneath all of it

**And the arrow points both ways**

NPCI open-sourced Falcon — their production  
Hyperledger-Fabric-on-Kubernetes tooling — back to the community.

[github.com/npci/falcon](https://github.com/npci/falcon)

**Also proved at scale:** JioHotstar — 65M concurrent on Kubernetes (cricket world record) · Zoho — 130M+ users on self-hosted Linux & Postgres · DigiYatra — 45M+ airport journeys on Hyperledger Aries (LF Decentralized Trust)

# Open source is not free — someone sustains it

UPI, JioHotstar, Zoho, Flipkart, Swiggy, CRED, Dream11 — all standing on projects we host. That infrastructure is paid for by member organizations and carried by maintainers. It doesn't happen by magic.

**Consume. Contribute. Fund. Pick at least two.**

**India is already showing how:**

- Zerodha — \$1M/yr FLOSS fund · \$500K to GitHub Secure OSS Fund
- Infosys — donated two AI frameworks to LF Networking
- TCS · Wipro · HCLTech — among the top global LF contributors
- Juspay — Hyperswitch, open payment router born in India

*Our job: make every funded dollar and contributed hour go further — that's why we agentified.*

**\$42.8B**

software value in CNCF projects alone  
(COCOMO)

**2,500+ members**

organizations funding the commons

**1,300+ projects**

sustained · 89M lines of code a week

**192K maintainers**

carrying the work day to day

# The platform that runs open source

LFX is how the Linux Foundation runs its communities — 1,300+ projects, 2,500+ member organizations, one platform.

## WHAT LFX MANAGES

- Projects & communities
- Committees & governance
- Meetings & scheduling
- Membership & organizations
- Mailing lists, email & Discord
- Insights & Lens analytics

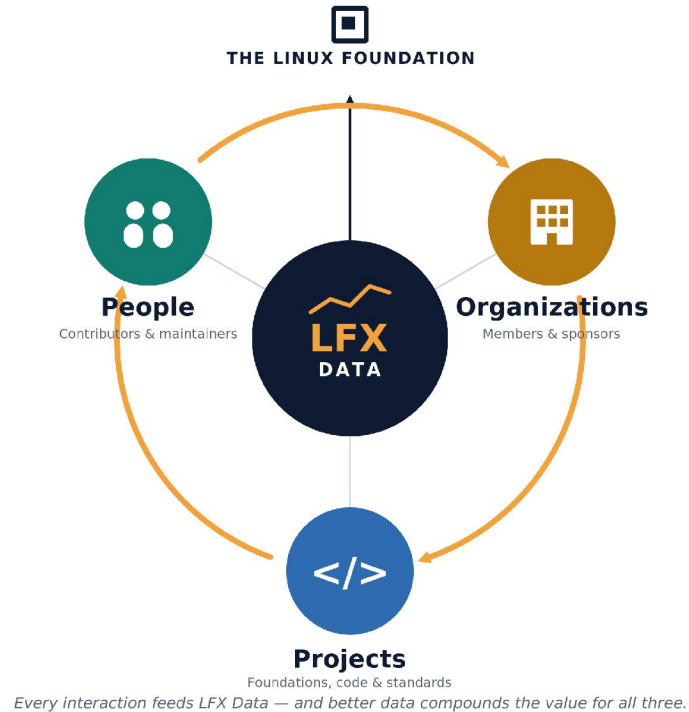
## THE COMPLEXITY BEHIND IT

One question can touch a dozen systems:

Data warehouse	CRM
Custom apps	Reporting
Meeting platforms	Mailing lists
Discord	Email

10 domains · ~50 tools · hundreds of APIs

# Everything runs through one engine



# So we put AI agents on the engine

## A few of our agents

**Project onboarding agent** setup time cut from 3 days to 1 hour  
— 5K+ repos, 98% automated

**Member onboarding agent** enters data across 6 systems at once; ~15 emails saved per member

**Support agents** 28% of product tickets resolved end-to-end, no human in the loop

**Data quality agent** checks 100% of new project data — every action auditable

## Built in the open

- LFX MCP server — MIT · [github.com/linuxfoundation/lfx-mcp](https://github.com/linuxfoundation/lfx-mcp)
- AGENTS.md — open agent spec, adopted by 60,000+ projects
- LFX Insights & LFX One self-serve — open source

## LFX Skills — why we ship fast

We package our runbooks — setup, DCO, releases, design specs — as reusable AI skills. Write the expertise once; every agent and every new teammate works like a veteran on day one.

# The honest architecture

*It works — but it doesn't all run on open source yet.*

## Open where it's strongest

- MCP — the protocol layer
- Agent gateways & runtimes
- Orchestration & tooling
- LFX MCP server — MIT, public repo

## Frontier where the gap matters

- Commercial models where capability still wins
- That gap is closing — fast
- Some of the models closing it were trained here: Sarvam & BharatGen, released open

***When the whole stack is a commodity, the only moat left is context — and context is human.***

# What it unlocked — for maintainers

AI has made opening a pull request nearly free — contribution volume is exploding while the number of people who review, curate and carry projects stays flat. The honest answer is to point the same technology at the toil — triage, summaries, hygiene, scanning — so humans can do the stewardship only humans can do.

It's already breaking: cURL shut down its bug bounty in January — AI-generated reports overwhelmed triage. HackerOne paused Internet Bug Bounty submissions in April.

*That's what agentifying a foundation is for.*

**300,730**

first-time contributors  
arrived in CNCF in 12  
months

**5,473**

active maintainers  
caught them — a 55:1  
ratio

**3d → 1h**

project onboarding, 98%  
automated

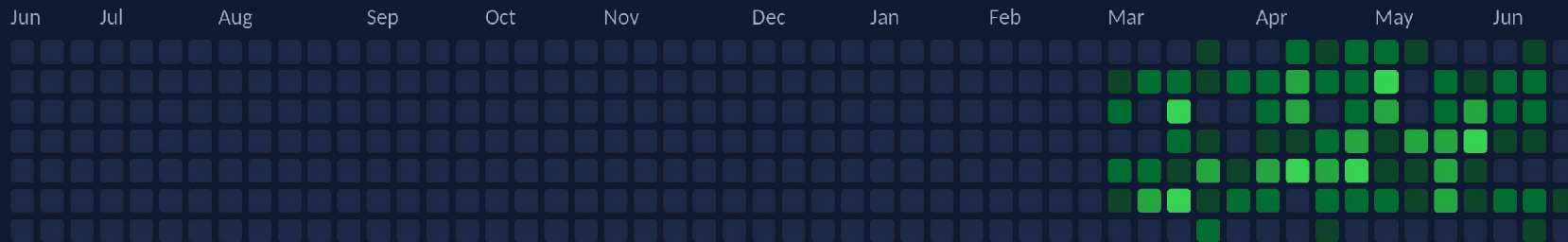
**28%**

of support tickets  
resolved by agents

CNCF data queried live via the open LFX MCP server

## FIRST-PERSON PROOF

# I haven't written code in 20 years.



*620 contributions in the last year — the graph sat empty until March, when I started pairing with AI.*

**87 pull requests · 20,000+ lines of code · 0 lines I typed myself**

**AI wrote every line. I brought the context — the moat moved from code to context.**

# Everything that broke came back to context

*Three failures. One root cause.*

1

## **Garbage context in, garbage out**

Agents are only as good as the data you feed them. We merged 602K duplicate profiles and flagged 51K bots before they could be trusted.

2

## **Generic agents fail; specific ones win**

One agent per platform beat category-based agents. The more domain context an agent has, the sharper it gets.

3

## **The hard part was people, not technology**

Policies, licenses, fluency, judgment. The human context was the whole battle — the technology was the easy part.

**The model was never the moat. The context was.**

# Let's say the quiet part out loud

**If your job is turning tickets into Java,  
AI is coming for that job.**

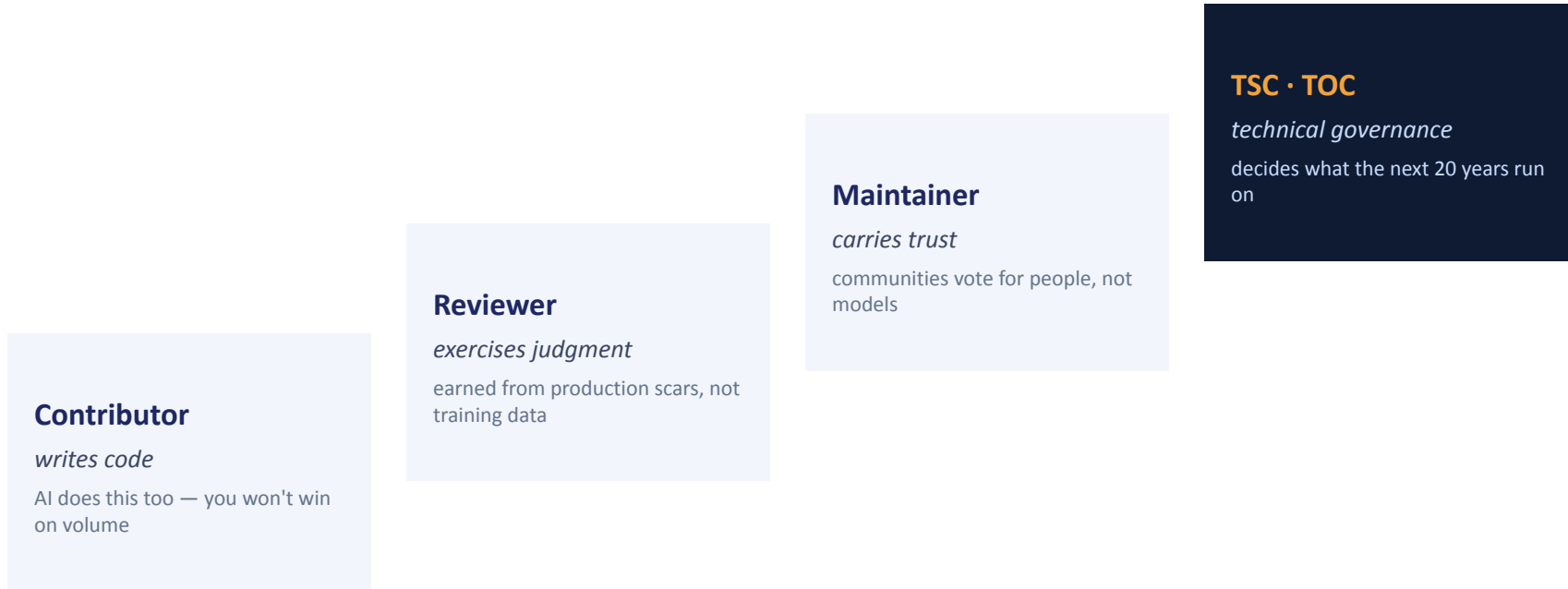
Nowhere does that land harder than in India — where millions of careers are built on exactly that work, and graduates are walking out of college into a market that no longer hires the way it did.

**The tech job isn't disappearing. It's changing shape —  
away from writing code, toward judgment and context.**

Watch what just became scarce: **judgment, domain depth, trust.**

# The ladder AI can't climb

*Nobody ever trusted a model to decide what merges.*



Public, meritocratic, employer-independent — every rung is earned in the open, and recorded forever.

# A language is a tool. A domain is a career.

Pick one. Go deep. The Linux Foundation's domains are the map — and the door is open to anyone in this room: working groups, certifications, LFX Mentorship.

Become the person the world trusts on payment rails, on grid orchestration, on agent protocols — not the person who types fastest.

*AI writes the Python. It can't become you.*

## Agentic AI · AAIF

fastest-growing foundation in LF history — 184+ members in 4 months. The newest ladder, and the emptiest.

### Cloud Native

CNCF

### Security

OpenSSF

### Networking

LF Networking

### AI & Data

LF AI & Data

### Fintech

FINOS

### Energy

LF Energy

### Agriculture

AgStack

### Automotive

AGL

*Every tile is a career, not a language*

# Three moves before you leave Mumbai

## FOR YOU

### Pick one domain

Start the ladder this week: one project, one issue, one review. AAIF if you want the emptiest ladder and the biggest head start.

## FOR YOUR COMPANY

### Back what you run on

This quarter: fund one project you depend on, upstream one fix, sponsor one maintainer. It buys influence, talent, and trust.

## FOR THE ECOSYSTEM

### Take our playbook

Our agents' code and our lessons are open. NPCI published Falcon. This is ours — fork it, improve it, send the PR.

India has built the world's software for thirty years — behind client walls, under other people's names.

**Now India builds in the open.  
Under its own name.**

[github.com/linuxfoundation](https://github.com/linuxfoundation)

<https://insights.linuxfoundation.org/collection/details/tlf>

- KubeCon + CloudNativeCon India opens tomorrow — same city, same week. Go build.