LFX Mentorship Journey

From Application to KubeEdge Contributor

Abhishek Kumar I LFX Mentee at KubeEdge

Getting selected for LFX isn't about luck. It's about strategy, persistence, and understanding what makes a strong application stand out.

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The Before and After

Before LFX

- How do I break into real open source?
- Will my code be good enough?
- How do I compete with thousands of applicants?

After 12 Weeks at KubeEdge

- Deep understanding of distributed systems at scale
- 15+ merged PRs in production code
- Mentorship from The Linux Foundation
- Contributing to edge computing technology

The Gap: Most people ask these questions but never take action.

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What Is LFX and Why It Matters

Structured Programme

12-week mentorship through The Linux Foundation with paid stipend ($3,000–$6,500) and 1-on-1 guidance from experienced maintainers.

Real Production Work

Contribute directly to projects in the Linux ecosystem, building legitimate portfolio pieces and shipping code that matters.

Industry Access

Network within major tech organisations, gain mentorship from experienced engineers, and accelerate your path into professional open source.

Reality check: It's one of the most competitive programmes for developers, but the selection process is entirely learnable.

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My Pre-Application Strategy

What mentors actually look for:

1

Genuine Interest

Real passion for the project, not resume building.

2

Prior Engagement

You've already contributed something before applying.

3

Clear Communication

Your ideas are articulate and thoughtfully presented.

4

Realistic Scope

You understand what's achievable in 12 weeks.

5

Initiative

You've done your homework on the project.

My three-month timeline: Month 1—researched projects and joined communities. Month 2—made first contributions. Month 3—refined proposal and submitted application.

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Why KubeEdge: Discovery and Decision

Finding the right project meant understanding both the technology and the community's readiness to mentor.

Project Fit

KubeEdge extends Kubernetes to edge devices and IoT—challenging problems with real-world impact.

Community Health

Active community with responsive maintainers, healthy PR review times, and proven mentorship track record.

Strategic Alignment

Verified project roadmap, mentor profiles, previous mentee outcomes, and actual mentoring capacity.

The winning proposal: Instead of "I want to contribute to KubeEdge," I proposed: "I want to implement device-side metric collection for edge nodes, addressing issue #542 and improving monitoring."

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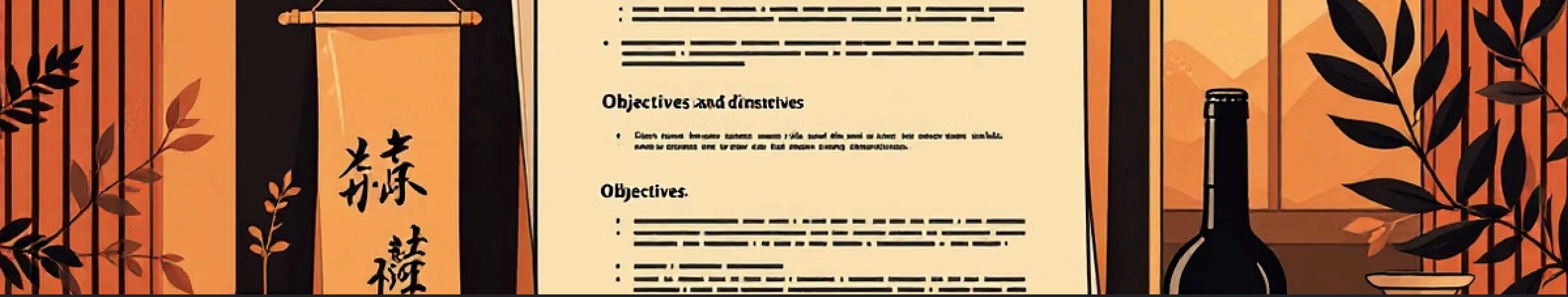

The Application Structure That Worked

Part 1: Who I Am

Background, why open source matters, and relevant experience—one clear paragraph.

Part 2: Project Understanding

What KubeEdge does, why it matters, and specific problems I'd identified through prior research.

Part 3: Detailed Proposal

Week-by-week breakdown with realistic milestones, learning phases, implementation, and buffer for unknowns.

Part 4: Why Me & Commitment

Relevant skills, what I'd contribute, hours per week, and long-term vision in the open source ecosystem.

The difference: Specific beats generic. "I noticed issue X and here's how I'll solve it" outshines "I'm passionate about code."

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Week 1 Reality: The Honest Truth

The Shock

- 50,000+ lines of Go code
- Architecture more complex than expected
- First task: just get dev environment running
- Imposter syndrome hit hard

What Saved Me

- Structured onboarding from mentor
- Prior research meant basics weren't foreign
- Patient, welcoming community
- Focus on understanding over rushing to code

Key realisation: First month is about learning the landscape. You're not expected to be productive yet—focus on building foundations.

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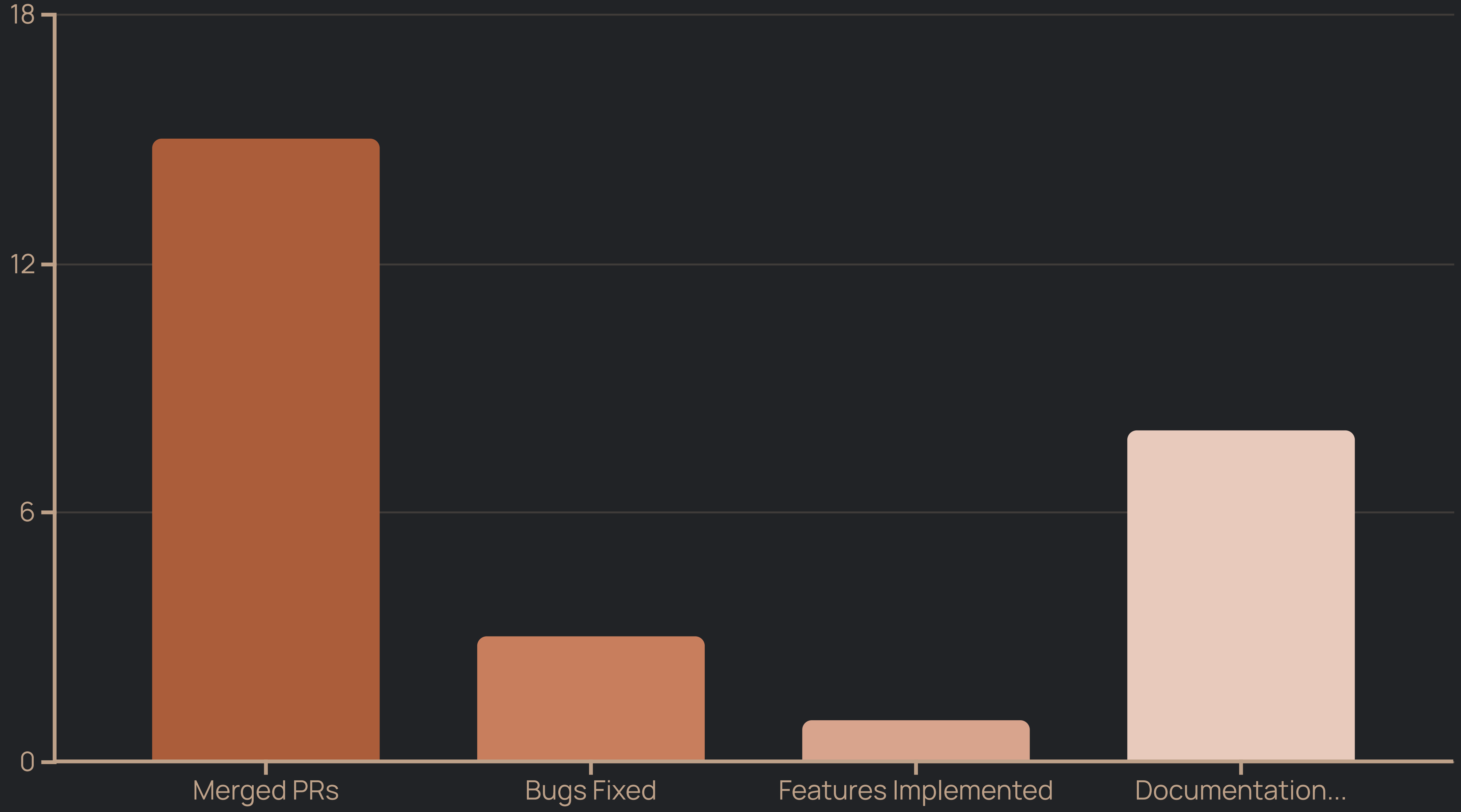
The Contribution Reality

Twelve weeks later, here's what actually shipped:



Main achievement: edge-node metric collection feature, plus critical bug fixes and enhanced error handling.

01

Understand

Deep dive into the problem and existing code.

02

Design

Discuss architecture with mentor before writing.

03

Build

Code implementation with comprehensive tests.

04

Review

Usually 2–3 feedback rounds before merge.

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What Mentorship Actually Looks Like

Weekly Rhythm

- One-hour sync for architecture discussions
- Asynchronous code reviews on Slack
- Design decisions debated together
- Career guidance beyond just coding

What Made It Work

- Clear expectations from day one
- Mentor protected time for me
- Balance between guidance and independence
- Permission to fail and learn safely

Beyond the code: I learned how maintainers think about technical debt, tradeoffs, community management, and strategy. That shaped my growth more than any individual PR.

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Your Path Forward: Next 90 Days

1

Choose Your Project

Pick something that genuinely excites you—not the most prestigious, but the one that feels right.

2

Join the Community

Lurk in discussions, read issues, understand how people communicate and solve problems.

3

Make Your First Contribution

Start small: fix a typo, improve documentation, tackle a beginner-friendly issue.

4

Build Relationships

Engage thoughtfully in discussions, ask smart questions, show genuine interest.

5

Apply with Confidence

Demonstrate prior research, propose specific work, communicate clearly, show reliability.

> **The truth:** LFX selection isn't about being the smartest person. It's about showing you'll be the most reliable mentee who learns fast, communicates clearly, and shows up consistently. That's rare. Use it.

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