

India's leadership in decentralized technologies: Innovation, collaboration and real-world impact

 April 23 2025

Respectful collaboration starts here

ALL ARE
WELCOME

TODO
BIENVENIDOS

みなさん
歓迎します。

lfdecentralizedtrust.org/code-of-conduct

Housekeeping



Antitrust Policy

Linux Foundation meetings involve participation by industry competitors, and it is the intention of the Linux Foundation to conduct all of its activities in accordance with applicable antitrust and competition laws.

For full policy,
www.linuxfoundation.org/legal/anti-trust-policy



Recording

Session is being recording and will be available in

www.linuxfoundation.org/webinars



Stay Active and Get the Most Out of it!



Raise Hand

Raise Hand

Use the Raise Hand button to get unmuted and speak up. The more activity and participation we will have the better experience everyone will have



Q&A

Ask Questions

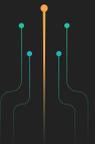
If you are shy, use the Q&A box. We will be answering the questions towards the end of the session



Chat

Talk and Comment

Use the chat to talk to others on the line and comment on the presentation? Do you agree? Or maybe you have a very different opinion? Either way it will make for best discussion



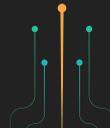
LF DECENTRALIZED TRUST

The open source foundation for decentralized technology ecosystems

The premier open source foundation for fostering global collaborative development of a broad range of technologies and standards that deliver the transparency, reliability, security, and efficiency required for a **digital-first economy**.



open source – open development – open governance



7:30PM Welcome !

7:35 Showcasing Advances of Our Members, Chapter and Community

7:43 Fireside Chat: Looking Ahead - LF Decentralized Trust and the Future of Decentralized Technology Development in India

PANELS

8:00 Real-World Blockchain Case Studies in the Public Sector - Decentralized Identity, Governance, Access and Citizen Services

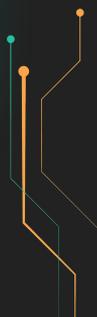
8:25 Decentralized Identity Deep Dive - Advances in Trust, Security and Scalability

8:50 From Digital Assets to Digital Currencies, Cross Border Payments and Developments in Decentralized Technologies for Financial Services

9:15 Audience Q&A, Discussion and Event Group Photo

9:25 Concluding Remarks

AGENDA



Linux Foundation Decentralized Trust in India: Showcasing Our Members, Chapter and Community

Julian Gordon

VP, Asia Pacific and Middle East

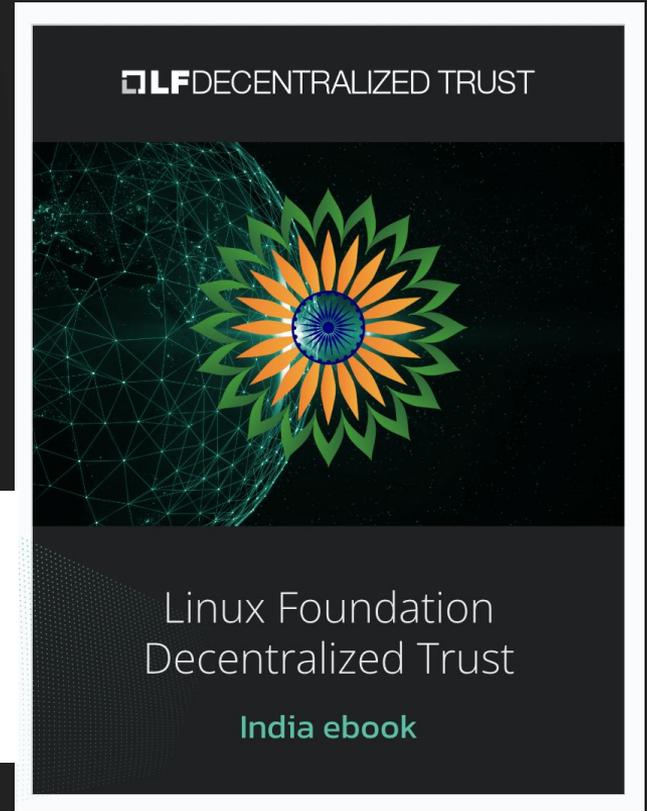
Linux Foundation Decentralized Trust

jgordon@linuxfoundation.org

New! LF Decentralized Trust India ebook

Shining a spotlight on India Members & Community to the international LF Decentralized Trust ecosystem

- ❑ Showcases India Members, India Chapter and Community - global leaders in development and deployment of blockchain and related technologies
- ❑ Highlights the exceptional work by LF Decentralized Trust Members in India
- ❑ Gives insights into innovations transforming decentralized technology development
- ❑ Download for free



Decentralized technology leadership and development in India

India is a vital partner in shaping the future of digital trust:

- Rapidly growing Web3 ecosystem
- Developer community on track to be world's largest by 2028
- Strong governmental support for blockchain and decentralized technology adoption
- Members are world-leading decentralized technology companies

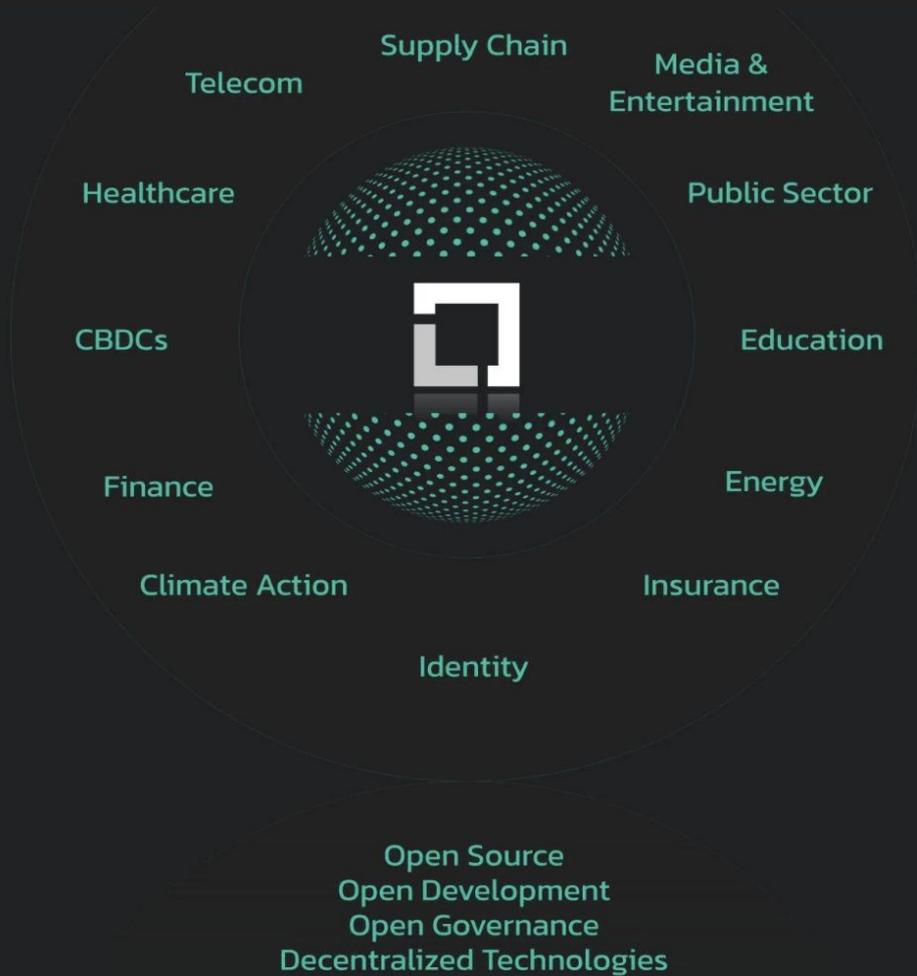
India members, India Chapter and community are leaders in the global LF Decentralized Trust ecosystem

The strategic collaborations forged here lay the groundwork for scalable, inclusive, impactful technologies that can be applied globally

"LF Decentralized Trust India members and community are leaders in contributions to our projects, collaboration, and innovation, and our regional India Chapter provides an exemplary platform for ecosystem development and support. We're excited to work with our India members, Chapter and community to drive the next wave of advancements in decentralized technologies."

Daniela Barbosa
**General Manager of
Decentralized Technologies
at the Linux Foundation and
Executive Director of LF
Decentralized Trust**





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LF Decentralized Trust projects today are 17 projects across blockchain, identity and cryptography and they have become key technologies in India's infrastructure and industry projects. Some examples include:

- Reserve Bank of India (RBI)**
 Digital Rupee - Ongoing Pilot phase using Hyperledger Fabric. RBI and various state governments are piloting blockchain use cases, such as land registry, e-governance, and cross-border payments.
- India's Ministry of Electronics and Information Technology** - National Blockchain Framework [Fabric]
- Unsolicited communications- Anti Spam** [Fabric] Telecom Regulatory Authority of India (TRAI)
- Digital Travel Credentials - DigiYatra** - Air travel credentials for over 4 million travels to date - [Aries]
- Central Board of Secondary Education (CBSE)**- verification of academic certificates [Fabric]
- Supply Chain and Logistics:** India's massive supply chain sector is a leader in blockchain-driven transparency and efficiency improvements. e.g Karnataka State Drug Logistics and Warehousing Society [Fabric]

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Years growing the
India community

LF Decentralized Trust India Regional Chapter launched in 2018 (as Hyperledger India Chapter) as a trailblazer - setting benchmarks in community engagement and project contributions

- First Regional Chapter – supports local talent, influences global initiatives
- 24,000+ members across 20 meetup groups
- Grows community in India - platform for collaboration, information, mentoring and support
- Chapter members hold global leadership roles - project maintainers and contributors, special interest and working group chairs and contributors
- Active Student Society - nurturing next generation of developers
- Runs valuable events, including meetups, webinars, hackathons, weekly calls



Leadership

Co-Chairs:



Ankita Patidar
Ayanworks



Kamlesh Nagware
FSV Labs



Vikram Sharma
HCL Tech



Garima Singh
Government Lead



Ritu Jain
Events and
Engagement Lead



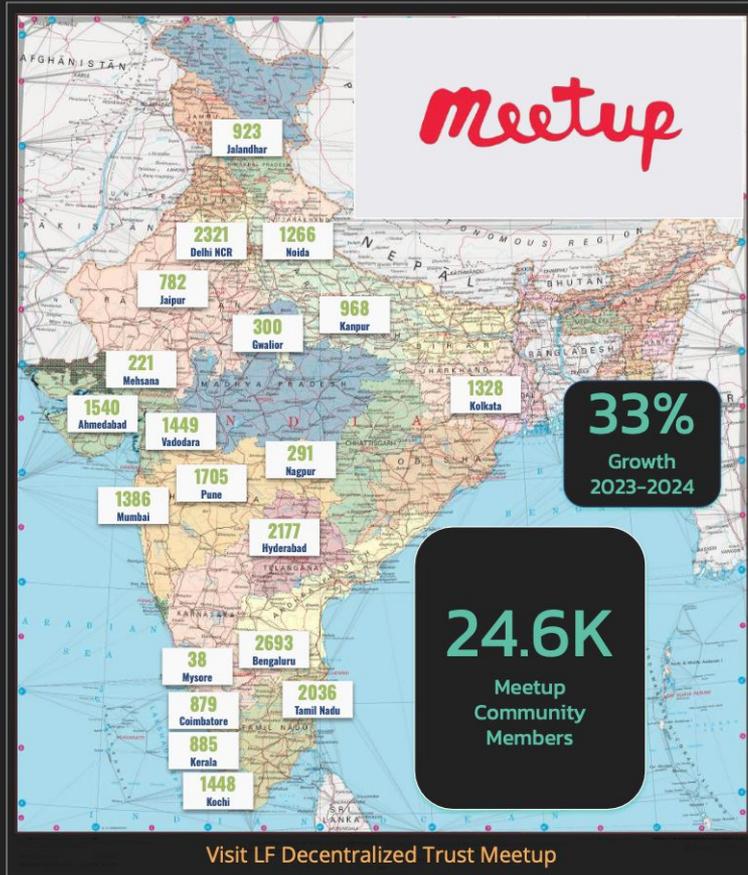
Kartikey Kashyap
Developer Advocate
Lead & Events and
Engagement Co-Lead



Dr Anasuya
Threse Innocent
Student Chapter
Society Lead

India Chapter & community contributions include:

1. 20+ maintainers, 100+ contributors across Projects, Labs and other documentation
2. AYANWORKS contributed and maintains leading decentralized identity platform CREDEBL
3. Hyperledger Web3j maintainer
4. 7% Besu contributors
5. Technical Advisory Committee (TAC) members
6. 5+ international Mentorship Program mentors
7. 6+ 2024 Mentorship Program mentees
8. LF Decentralized Trust Lab steward
9. Chairs of Special Interest Groups including Telecom and Healthcare SIGs



LF Decentralized Trust India Members

LFDT Members with HQ based in India:



A CoE in Blockchain Technology by



Read more about our India Members in LF Decentralized Trust India ebook!

Industry leaders, technology experts, innovative development, real-world deployments, global reach...



LF DECENTRALIZED TRUST
GENERAL MEMBER
Since: 2017

Wipro Limited is a leading global information technology, consulting and business process services company, delivering cutting-edge blockchain offerings and solutions by leveraging other next-gen technologies like AI, AR/VR, and IoT.

Wipro is an industry leader in Blockchain Ecosystem services, Advisory and Consulting services, Product and Platform services, and Application services.

Wipro's DICE ID platform, built on Hyperledger Aries and Indy, has been leveraged to establish **Trust Ecosystems**.

"Our customers are increasingly looking at LF Decentralized Trust Technologies to build enterprise-grade blockchain solutions for specific industry use-cases. Additionally, Wipro's open-source services, expertise and solutions add value to our Hyperledger based blockchain offerings. We look forward to investing in crowdsourced innovation and open collaboration as part of our efforts in the community. Our Skill Credentials Ecosystem built on DICE ID platform using Hyperledger technology has clocked 1.4 million transactions and comprises 130+ ecosystem members so far and is growing."

Deepesh Gandhi
Global Head of Blockchain Practice, Wipro Limited



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GENERAL MEMBER
Since: 2018

KrypC is a global technology solutions provider specializing in secure, enterprise-grade blockchain solutions.

With a focus on delivering measurable business value, KrypC helps enterprises simplify complex processes, enhance data security, and drive innovation.

Its low-code, domain-agnostic platforms enable organizations to build, deploy, and scale blockchain solutions with minimal cost and effort. By integrating blockchain, IoT, and AI, KrypC empowers businesses to solve critical challenges, improve efficiency, and create sustainable, future-ready solutions.

Member webinar: **Harnessing Permissioned Blockchains for Security and Compliance in Healthcare Data Management**
Member case study: **taXchain provides a faster, better, cheaper way to complete EU tax forms using Hyperledger Fabric**



LF DECENTRALIZED TRUST krypc.com

"At KrypC, we believe decentralized technologies are the cornerstone of a more efficient and transparent future. By integrating blockchain solutions into diverse industries, we enable unparalleled efficiency, traceability, and trust. Leveraging Hyperledger Fabric under the Linux Foundation umbrella, we have delivered scalable, flexible networks like MineHub and taXchain, powered by our low/no-code KrypCore Web3 platform. With dynamic participant management, zero-downtime updates, and rapid feature deployment, KrypC empowers enterprises to unlock the full potential of blockchain technologies."

Ravi Jagannathan
Founder and CEO,
KrypC Technologies Pvt Ltd



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LF DECENTRALIZED TRUST
GENERAL MEMBER
Since: 2021

Information Data Systems (IDS) is a global leader in blockchain and emerging technologies, dedicated to orchestrating digital transcendence and building a computable economy.

As one of the 15 Hyperledger Certified Service Providers worldwide, IDS has designed and delivered the official Certified Hyperledger Fabric Practitioner course. We are the Knowledge Partner of STPI APIARY, India's only blockchain-focused Centre of Entrepreneurship backed by MeitY and the Government of Haryana, to enable blockchain startups to build on Hyperledger Frameworks for enterprise use cases.

IDS operates across key sectors, including GovTech, BFSI, healthcare, and education, offering cutting-edge solutions in blockchain, AI, digital twins, and extended reality. Through initiatives such as Bharat Blockchain Network and Polyversity, IDS is fostering decentralized ecosystems and empowering enterprises, governments, and academia to embrace the future of trust-driven digital innovation.

Member Webinar: **IDS: Bharat Blockchain Network - World's Largest Academic Consortium Network**

"At IDS, we are shaping the future by building decentralized ecosystems that empower businesses and institutions with trust, transparency, and scalability. Our work spans across key sectors, integrating technologies like blockchain and AI to drive sustainable innovation. With strategic initiatives like the Bharat Blockchain Network and Polyversity, IDS is committed to enabling a new era of digital trust and economic resilience."

Voruganti Aravind
Global Vice President,
Blockchain Practice &
Emerging Technologies,
Information Data Systems
(IDS) Inc



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TRAINING PARTNER

... With leading solutions in public sector, finance, supply chain, travel, digital identity and more...



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GENERAL MEMBER
Since: 2022

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Infosys, a global leader in digital services, empowers 310,000+ professionals to drive innovation across 56+ countries. For over 8 years, its Blockchain and Web3 practice has focused on decentralized ecosystems and digital assets, offering services like strategy, design, implementation, operations, and training.

Infosys enables seamless transitions from ideas to operational networks across industries like banking, financial services, and government. Its clear vision, strong strategy, and execution excellence set it apart.

Watch the in-depth webinar **Driving process transformation in public services** where Infosys share their experiences accelerating blockchain adoption for government use cases. Featuring Liz Tanner, Secretary of Commerce for Rhode Island, who also shared her vision and insights on leveraging decentralized technologies to transform citizen experiences.

Also, recently we hosted LF Decentralized Trust's India Chapter **meetup** in our Bengaluru Campus to much fanfare.



Infosys Mysore Campus

LF DECENTRALIZED TRUST [Infosys.com](https://www.infosys.com)



LF DECENTRALIZED TRUST
GENERAL MEMBER
Since: 2024

Tata Consultancy Services is an IT services, consulting and business solutions organization that has partnered with many of the world's largest businesses in their transformation journeys.

Quartz™, from TCS, provides foundational technology, tools and business components that harness the power of next-gen technologies including DLT, AI/ML for organizations across varied industries. Quartz™ creates an end-to-end solution experience addressing the entire value chain including development, integration and governance of ecosystems.

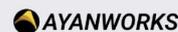
As a key contributor to LF Decentralized Trust, TCS leverages its expertise across diverse industries - including Banking, Capital Markets, Insurance, Manufacturing, Public Services, Energy & Utilities - to advance decentralized technologies.



LF DECENTRALIZED TRUST [tcs.com/quartz](https://www.tcs.com/quartz)

"We are excited to join LF Decentralized Trust and look forward to contributing and learning from the experiences of this vibrant global community. We believe blockchain is a foundational technology that will see widespread adoption by governments, businesses, and society. This engagement will help us partner with our customers in the creation of innovative business ecosystems that can benefit from the trust and transparency this technology delivers."

R Vivekanand
President BFSI Products & Platforms,
TCS



LF DECENTRALIZED TRUST
GENERAL MEMBER
Since: 2024

AYANWORKS Technology Solutions is a leading software development company specializing in blockchain consulting and Decentralized (Self-Sovereign) Identity solutions.

With deep expertise in decentralized identity, verifiable credentials, and blockchain technologies, our solutions are designed for population-scale implementation.

Founded in 2015 and headquartered in Pune, India, we have built a strong reputation for delivering innovative solutions and fostering trusted, long-term relationships with clients worldwide.

CREDEBL is used for digital id programs in Bhutan and Papua New Guinea, while our blockchain-based verifiable credentials services are used in Canada, Germany, France, and more.

"AYANWORKS is dedicated to positively changing the status quo of every individual & organization's digital sovereignty via privacy-enhancing digital transformation so that everyone has a sovereign, secure, sustainable, verifiable digital identity & data associated with it, resulting in higher Digital Trust. Our dedication to decentralized identity is recognized in various forums. Recently, LF Decentralized Trust adopted our product, CREDEBL. We also secured Rank 2 at the Hedera India Hackathon with a Grant of USD 2,50,000 & received the Bharat Blockchain Industry Excellence Award at the Bharat Blockchain Yatra."

Kirankalyan Kulkarni
Co-Founder and CEO,
AYANWORKS



LF DECENTRALIZED TRUST [ayanworks.com](https://www.ayanworks.com)

... Developing decentralized technologies that deliver the transparency, reliability, security and efficiency required for a digital-first economy.



LF DECENTRALIZED TRUST
GENERAL MEMBER
Since: 2024

Dhiway is a trust infrastructure company based in Bengaluru, Karnataka, and it is developing an open trust infrastructure for population-scale digital transformation.

As governments, businesses, and citizens pivot towards machine-readable data exchange and AI technologies become more commoditised, the foundational trust layer enabled by the CORD Blockchain presents ways in which trustworthy data can be exchanged and high-assurance digital identifiers drive the flows.

The open-source CORD Blockchain project on GitHub is where the community of contributors come together to build impactful solutions for citizens. Data tokenization capabilities enabled by CORD power public registries of information that are critical components of digital governance.

"Authenticity, data integrity, and provenance will become more complex and involve new challenges than we have seen before. Enabling a resilient, scalable, and durable digital trust layer like the Open Trust Infrastructure with CORD Blockchain and Decentralised Directory Protocol is essential to building services that can distribute and even monetise data at scale. At Dhiway, we have consistently been in upstream communities for standards development, projects, and infrastructure. We look forward to the LFDI India Community enabling a better understanding of the concept of digital trust and the incubation of ecosystems."

Amar Tumballi
Co-Founder & CTO
Dhiway



LF DECENTRALIZED TRUST dhiway.com



LF DECENTRALIZED TRUST
GENERAL MEMBER
Since: 2024

Qila.io is a pioneering Web3 SaaS provider, leveraging proprietary private cloud infrastructure in India, Dubai, and the US to deliver secure and scalable blockchain platforms.

Its Fabric-based offerings, ARK (multitenanted) and ARK+ (dedicated), enable enterprises to seamlessly integrate blockchain into their operations.

Additionally, Qila offers PrivaSea, an enterprise wallet that allows customers to manage tokenized assets such as NFTs and FTs.

Qila's solutions are designed to simplify blockchain adoption, helping businesses innovate while staying secure and future-ready.

"At Qila, we are empowering businesses to unlock the potential of blockchain and tokenization, driving innovation and efficiency across industries. Qila has successfully enabled enterprises to adopt blockchain seamlessly while reducing costs and improving operational transparency. Our mission is to simplify Web3 adoption and pave the way for a decentralized and sustainable future, transforming industries ranging from Clinical Trials to Supply Chain with real-world, scalable solutions."

Sid Ugrankar
CEO,
Qila



LF DECENTRALIZED TRUST qila.io



LF DECENTRALIZED TRUST
GENERAL MEMBER
Since: 2020

Walmart Global Tech plays an important role in leveraging advanced technologies to enhance customer experiences and operational efficiency globally.

As a member of Linux Foundation Decentralized Trust, Walmart is committed to collaborating with partners and contributing to the evolution of decentralized technologies.

By focusing on improving transparency and trust in supply chains, Walmart continues to develop innovative efforts to scale compliance and enable resilient, scalable solutions that benefit suppliers and customers worldwide.

"Walmart's membership in LF Decentralized Trust reflects our shared focus on enhancing supply chain transparency and building scalable solutions. These efforts have been helpful for creating a future-ready, resilient retail ecosystem, allowing us to deliver value to millions of customers globally."

Som Roy
Director, Software
Engineering,
Walmart Global Tech



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LF Decentralized Trust Associate Members in India

National Payments Corporation of India (NPCI) is the central body responsible for overseeing retail payments and settlement systems in India. NPCI was established by the Reserve Bank of India (RBI) and Indian Banks' Association (IBA) and uses technology innovation to achieve greater efficiency and accessibility of payments systems. NPCI has been instrumental in developing a range of products that have revolutionized retail payments systems, including the Unified Payments Interface (UPI). NPCI has always been a strong proponent of decentralized protocols and technologies and actively engaged in R&D and technology contribution in the Hyperledger Fabric project and its community.



Digi Yatra Foundation launched Digi Yatra in 2022, revolutionizing airport travel with seamless, contactless passenger journeys. Coordinated by India's Civil Aviation Authority, it leverages facial recognition technology while prioritizing privacy by avoiding centralized credential storage using the concept of Self Sovereign Identity. This industry-led initiative with a user base of more than 11 million enhances security, efficiency, and convenience for travelers and is currently live at 24 airports across India.



STPI Apiary, a Centre of Entrepreneurship in Blockchain Technology, is set up in collaboration with MeitY, STPI (Software Technology Parks of India), Govt of Haryana, Padup Venture Private Limited, IBM, Intel, GBA, JCBOSSEUST, DCRUST and FITT. It is an initiative to identify and evaluate promising blockchain startups that will be hosted in the STPI Gurugram Incubation Facility.



Kerala Blockchain Academy (KBA), under the Digital University Kerala (DUK), is an LF Decentralized Trust Training Partner and Associate Member. KBA delivers targeted blockchain education for a range of learners, including students, professionals, and officials. The academy offers various certified courses including **Hyperledger Fabric** and **Besu**. KBA also focuses on research-driven innovation, protocol development, digital credentialing, and blockchain solutions for enterprises.



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TRAINING PARTNER

Saintgits College of Engineering, Kerala, was an early contributor to Hyperledger Fabric documentation translation. It's primary focus is to expose young minds to the world of technology and business, instilling in them confidence and fortitude to face challenges that enable them to excel in their chosen fields.



India Member Expertise - Certified Service Providers and Training Partners



The LF Decentralized Trust Certified Service Provider (CSP) program is a pre-qualified tier of vetted service providers that have deep experience helping enterprises successfully adopt LF Decentralized Trust technologies.

India members who are CSP partners include IDS, Infosys, KrypC and Wipro.

CSP partners offer LF Decentralized Trust project support, consulting, professional services, and training for organizations embarking on their development and deployment journeys.



LF Decentralized Trust Training Partners offer instructor-led classes and custom workshops featuring LF Decentralized Trust technologies to help meet the growing need for professionals with decentralized technology skills.

Training partners in India include IDS, Infosys and Kerala Blockchain Academy.



Contributions and Collaboration in India - Get involved!

The LF Decentralized Trust Mentorship Program provides a hands-on learning opportunity for developers - fostering knowledge transfer, skill development and community growth.

- Developers from India significantly advance LF Decentralized Trust projects - through contributions and participation in mentorship programs
- ~45% of 2024 graduated mentees from India
- Mentors from India include BiniWorld Innovations' Dr Anasuya Threse Innocent, Web3Labs' Nischal Sharma, IBM's Sandeep Nishad and Venkatraman Ramakrishna, and Wipro's Vinod Panicker
- **Application now open for the 2025 Mentorship Program!**

Mentorship Spotlight:
Hyperledger Web3j -
Enhancing Android
Support with Updated
Web3j-android Integration



India-based member **AYANWORKS** has contributed its **CREDEBL** project to LF Decentralized Trust:

- **CREDEBL**, developed and maintained by **AYANWORKS**, is a platform that simplifies and secures Decentralized Identity and Verifiable Credentials management.
- It is designed to be multi-tenant, agent-agnostic, and ledger-agnostic, providing flexibility to integrate with various Verifiable Data Registries, DID methods, and VC formats.
- **CREDEBL** v2.0.0 recently released - packed with enhancements, new features, and fixes across Platform, Studio, Credo-Controller, and Mobile SDK. This release improves security, functionality and user experience, while ensuring seamless integration with emerging technologies.
- **The CREDEBL community is looking to grow. Get involved!** Find them on **GitHub** or **Discord** or join the **community calls**.

Fireside Chat with India Chapter Co-Chairs

Looking Ahead - LF Decentralized Trust
and the Future of Decentralized
Technology Development in India



**Daniela
Barbosa**



Ankita Patidar
Ayanworks



**Kamlesh
Nagware**
FSV Labs



**Vikram
Sharma**
HCL Tech

Real-World Blockchain Case
Studies in the Public Sector
- Decentralized Identity,
Governance, Access and
Citizen Services



**Gaurav
Tripathi**



**Kalyan
Kulkarni**



Joji Varghese

DocChain.



**Siddharth
Sharma**

Evolution



Julian Gordon

LF Decentralized
Trust



Decentralized Identity Deep Dive - Advances in Trust, Security and Scalability



Malini Raman

TCS



**Aravind
Voruganti**

IDS



Mohit Sethi

KrypC



**Hart
Montgomery**
LF Decentralized
Trust

From Digital Assets to Digital
Currencies, Cross Border
Payments and More -
Developments in Decentralized
Technologies for Financial
Services



Satish Mohan

Dhiway



Vaibhav Pathare

Qila



Karen Ottoni

LF Decentralized
Trust

Q&A
&
DISCUSSION

SMILE





Join the community at global events and meetups

All Countries



All Hosts

[RESET](#)

LF DECENTRALIZED TRUST INDIA

India's leadership in decentralized technologies: Innovation, collaboration and real-world impact

April 23 7:30 IST, 7AM PST, 3PM CET

LF Decentralized Trust India – India's Leadership in Decentralized Technologies: Innovation, Collaboration, and Real-World Impact

April 23, 2025 7:30 PM-9:30 PM IST

POINT ZERO FORUM™

5-7 MAY 2025

Zurich, Switzerland

Policy-makers | Leaders | Investors

Point Zero Forum 2025
May 5, 2025 9 AM-May 7, 2025 5 PM CST

Women in Tech CHIEF IN TECH KEY TECH CAREER GROWTH

GLOBAL CONFERENCE 2025 SUMMIT 2025 SUMMIT 2025 SUMMIT 2025

SPEAKING ON "AUTHENTICITY IN THE AGE OF AI: A GUIDE TO DECENTRALIZED IDENTITY, VERIFICATION, AND TRUST"

MAY 20-22

DANIELA BARBOSA

General Manager of Decentralized Technologies & Executive Director of LF Decentralized Trust Linux Foundation

Women in Tech 2025
May 20, 2025 9 AM-May 22, 2025 5 PM

Save the date for the launch of the

Global Digital Collaboration

to foster wallets, credentials and trusted infrastructure for the benefit of all humans

July 1-2, 2025

CICG Geneva, Switzerland

Global Digital Collaboration: Inaugural Conference
July 1, 2025 9 AM-July 2, 2025 5 PM CST

Get involved



Why get involved?



How to contribute



Training & certification



Mailing lists



Wiki



Github



Discord

VISIT

lfdecentralizedtrust.org

Thank You!



**ALL ARE
WELCOME**



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