About Fluree

The Web3 Data Platform — Fluree emphasizes data integrity, facilitates secure data sharing, and powers rich data insights — all in one pluggable stack. Welcome to better data management.

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Fluree (FLR)

Description:
Fluree is a certified Public Benefit Corporation. As our team continues to grow, we will develop programs that align with CSR initiatives focused specifically on alleviating job displacement.

Stakeholder(s):
Fluree Team
Brian Platz: Co-CEO & Co-Founder
Andrew "Flip" Filipowski: Co-CEO & Co-Founder
Buck Flannigan: VP of Global Alliances
Scott Benson: Chief Sales Officer
Jay Wall: Partner Sales Engineer
Amanda Loftis: UX Director
Kevin Doubleday: Communications Director
Lillian Podlog: Software Engineer
Andrew Johnson: Software Engineer
Jacquie Weakland: Administration & Finance
Bassie Bangura: Software Engineer
Developers: Built for Developers — Fluree empowers data-first development across the entire stack. By reducing the need for custom code and API bloat, Fluree harmonizes front and back end development under a single source of data truth.
Enterprises: Enterprise Ready — With Fluree, data is your application. Champion industry collaboration, accelerate digital transformation of existing systems, or build new products that harness the value of data.

Vision
Better data management

Mission
To change how we secure, manage, and share data

Values
Curiosity: We achieve amazing things through the power of questions - and treat everyday as a new opportunity to learn and grow.
Respect: We foster an environment for positive growth by embracing the power of differences, treating each-other kindly, and active listening.
Integrity: We do the right thing, and own our actions.
Tenacity: We set lofty goals, make tactful roadmaps to achieve them, and overcome obstacles with a mixture of perseverance and innovation.

Passion: We understand two interrelated factors: the incredible impact Fluree can have on this world, and our role in manifesting that impact. We meet this responsibility every day with energy, ownership, and enthusiasm.
1. Immutability

Secure every update in an immutable ledger.

Secure every update with blockchain cryptography in a core immutable ledger.

1.1. Integrity

Tamper-proof blockchain (SHA3-256) for extreme data integrity

1.2. Traceability

Complete data traceability throughout history

1.3. Provenance & Auditing

Provable audit trail into provenance and path of data

1.4. Digital Signature

Digital signatures cryptographically tied to every change
2. Smart Functions

*Embed permission logic directly at the data layer.*

Embed permission logic directly at the data layer as executable co-resident data.

2.1. Security

*Singular and scalable data security model – no more API bloat to manage*

2.2. Sharing & Filtering

*Direct and trusted data sharing with third parties – automatic read filtering*

2.3. Identity & Access

*Data-centric identity and access management with one source of truth*

2.4. Governance

*Governance-as-code for unprecedented control over master data management*
3. Database

Enable queries of the ledger.

Semantic Graph Database — Query Fluree’s ledger with a powerful RDF-graph database engine that scales infinitely.

3.1. Queries

Sophisticated graph queries with built-in features like infinite recursion

3.2. Semantics

W3C standards allow for semantic queries across RDF repositories

3.3. Languages

Easy and familiar query languages: SPARQL, GraphQL, and FlureeQL (JSON)

3.4. Delivery

Linearly scalable as a CDN (content delivery network)