

REDJI JEAN BAPTISTE

Blockchain Developer | Web3 Innovator | Decentralized Systems Architect

Toronto, ON • redji.jeanbaptiste@mail.utoronto.ca • [GitHub](#) • [GitLab](#) • [LinkedIn](#)

SUMMARY

Blockchain Developer with a strong foundation in economics and international development, focused on building decentralized digital systems that empower communities and enhance transparency. Skilled in smart contracts, DAOs, decentralized identity, tokenized economies, and AI integration within Web3 frameworks. Passionate about developing infrastructure for self-sovereign governance, reputation systems, and scalable blockchain-native services.

PROJECT EXPERIENCE

D Central Platform – Modular Digital Nation Infrastructure

Founder & Developer | 2024–Present

- Designed a fully modular, AI-integrated digital governance framework using blockchain, mesh networking, and decentralized identity (DID)
- Built interoperable services using smart contracts (Solidity) for governance, credentialing, and cross-network integration
- Developed key modules: Digital Agent (MCP-Orchestrated AI), Mesh Networking, DID, Federated AI, IoT Integration, DAO Governance, and Mobile Access
- Led architecture for DAO-based voting, on-chain civic engagement, self-healing mesh networks, and privacy-preserving global communications
- Created deployment pipelines with Docker and YAML; planned Kubernetes-native migration for scalable, cloud-native environments
- Authored technical roadmap guiding evolution from Phase 1 (core services) to Phase 4 (global ecosystem integration)

Decentralized AI-Powered Governance Platform (DAO-Driven)

- Developed on-chain proposal, voting, and budget allocation using Solidity and ERC standards
- Integrated DID-based voter authentication with participatory civic tools

AI-Enhanced Decentralized Reputation System

- Engineered a trust framework tied to verifiable credentials and smart contracts
- Scored behavior using AI agents and on-chain/off-chain data

Smart Contract Escrow & Payment Protocols

- Built milestone-triggered smart contracts for decentralized marketplaces and service payments
- Integrated DAO-based arbitration and time-locked releases

Tokenized Asset Management DAO

- Created an on-chain asset management DAO leveraging stake-weighted governance and economic logic for automated rebalancing and profit distribution

Real-Time Threat Intelligence Network

- Designed a P2P blockchain-based protocol for secure, decentralized exchange of threat data
-

TECHNICAL SKILLS

Blockchain & Web3

- Solidity, Hardhat, Foundry, Truffle
- Ethereum, Polygon, IPFS, Chainlink
- ERC-20, ERC-721, ERC-1155
- DAOstack, Aragon, Snapshot
- Web3.js, Ethers.js

Programming & Tools

- JavaScript, Python, Solidity, Bash
- Git, Docker, YAML, CI/CD, Node.js
- REST APIs, GraphQL, Postman

AI & Protocol Integration

- MCP (Model Context Protocol), Federated Learning
 - AI Orchestration, Digital Twins, Verifiable Credentials
 - DID, Zero-Knowledge Proof Concepts
-

EDUCATION

Majors: Economics for Management & International Development Studies

- Varsity Football (2020–2022)
 - Courses in Economic Modeling, Global Development, Python Programming
-

FEATURED PORTFOLIO PROJECTS

- AI DAO Governance Platform
- DID Reputation Graph (Web3)
- Tokenized Civic Identity Wallet
- Decentralized Mesh Infrastructure Toolkit

GitHub: github.com/RedjiJB

GitLab: gitlab.com/RedjiJB

INTEREST AREAS

- DAO Governance Systems
- Decentralized Public Infrastructure
- AI x Blockchain Integration
- Token Economies & Community Incentives
- DID & Verifiable Identity
- Web3-Based Civic Technology