KaryaChain

Blockchain-Powered Copyright Protection

for Indonesian Creators

OJK-Ekraf Infinity Hackathon 2025

Digital Rights & Authentication

karyachain.rectorspace.com

Team: RECTOR

Indonesian Creators Face Critical Challenges



No Accessible Copyright Protection

- · Traditional registration: expensive, slow, bureaucratic
- Average cost: IDR 1-5 million per work
- · Processing time: 3-6 months



Rampant IP Theft

- · 70%+ of digital creators experience unauthorized use
- · Difficult to prove ownership and creation date
- · Limited legal recourse for small creators



Lost Revenue

- · Creators can't monetize secondary sales
- No infrastructure for perpetual royalties
- Global marketplace access barriers



Target Market

- · 63 million+ creative economy workers in Indonesia
- · Growing digital creator ecosystem
- · Need for affordable, accessible protection

Blockchain-Based Copyright Registry + NFT Marketplace

A decentralized platform that provides:



Instant Copyright Registration

- ✓ One-click registration with blockchain timestamp
- ✓ Immutable proof of ownership
- √ Cost: ~\$0.50 (gas fees only)



NFT Minting with Royalties

- ✓ Convert copyrights into tradeable NFTs
- ✓ Set custom royalties: 5-20%
- ✓ Earn on every resale, forever



Decentralized Marketplace

- ✓ List and sell creative works globally
- Automatic royalty distribution
- ✓ Transparent, secure transactions

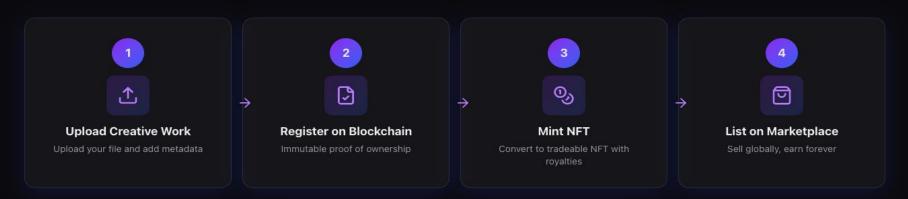


IPFS Storage

- ✓ Decentralized file storage
- ✓ Permanent, censorship-resistant
- ✓ Content addressing for verification

Simple 4-Step Process

From creation to global marketplace in minutes



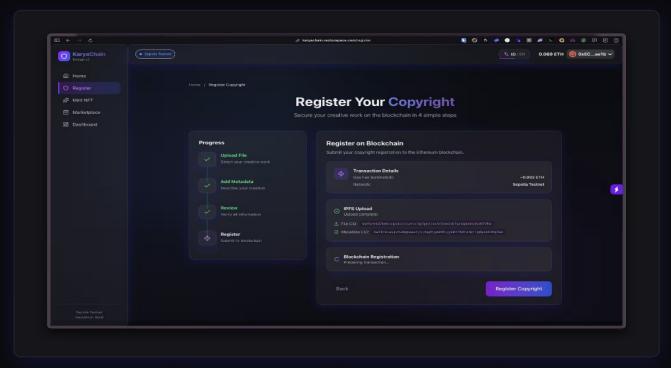
Key Innovations

• Perpetual Royalties • Verifiable Ownership • Global Access

Demo: Copyright Registration

Complete flow from upload to blockchain











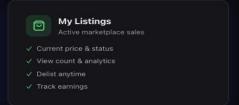


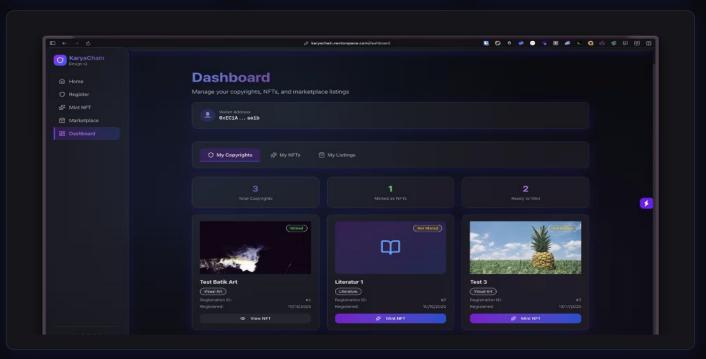
Demo: Creator Dashboard

Manage your creative assets in one place





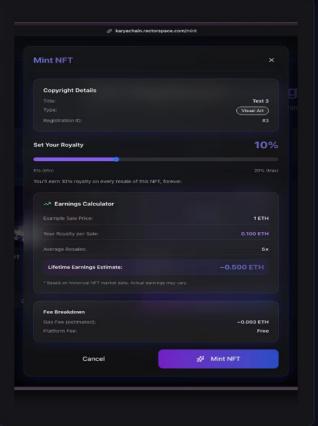




Demo: NFT Minting with Perpetual Royalties

Turn your copyrights into income-generating assets

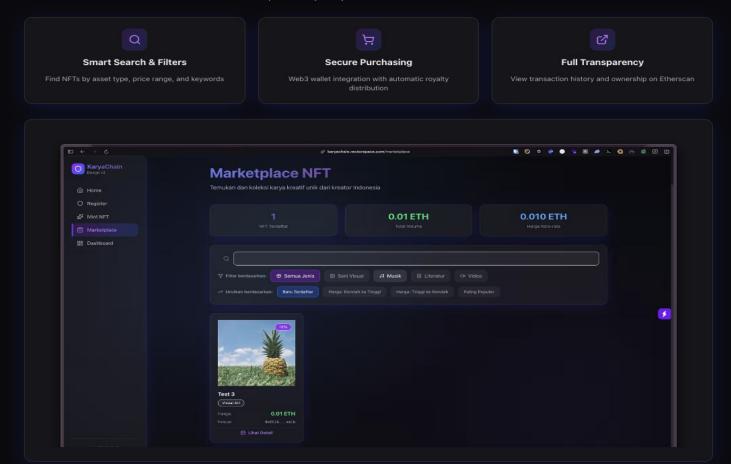




Earn passive income forever, not just on first sale!

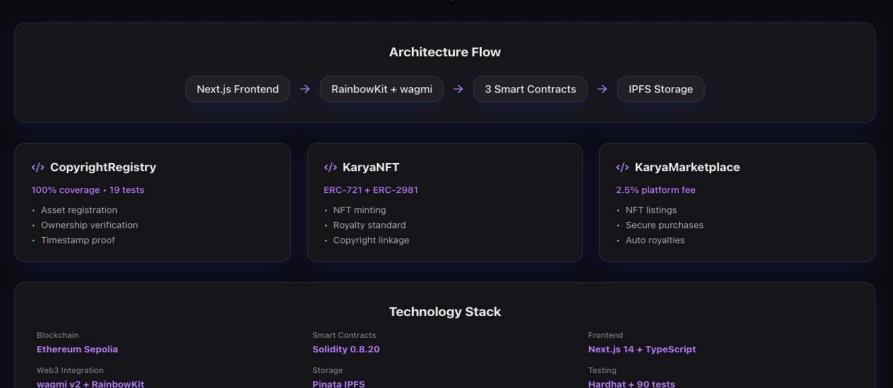
Demo: Decentralized Marketplace

Browse, discover, and purchase creative works on-chain



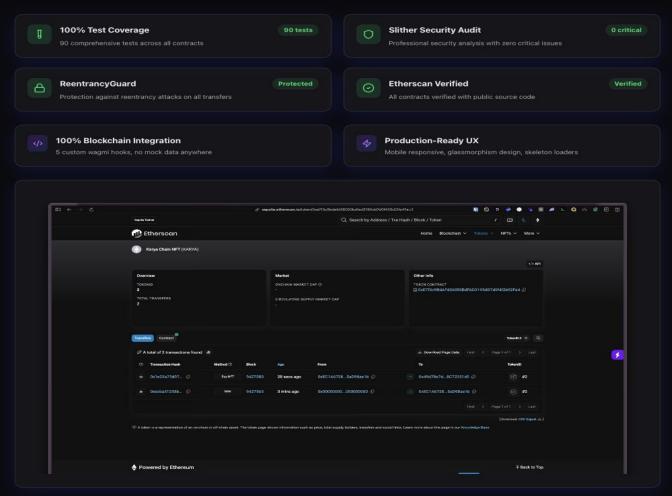
Enterprise-Grade Technical Stack

Built for scale, security, and performance



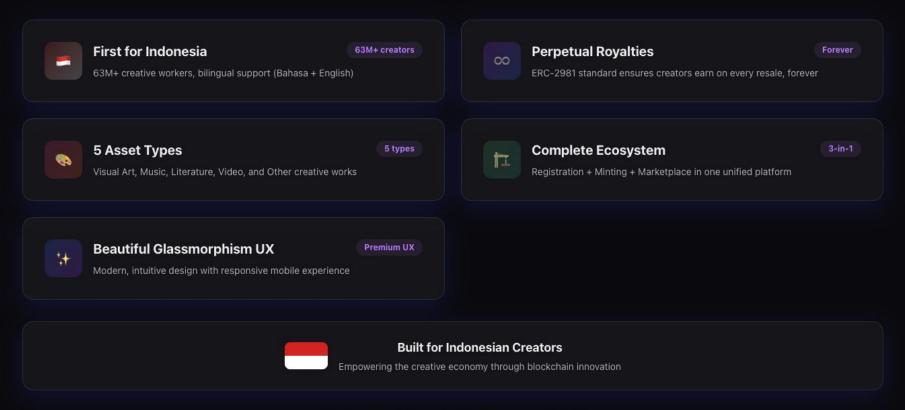
Built for Production: Security & Quality

Enterprise-grade testing and auditing standards



What Makes KaryaChain Unique?

Five key innovations that set us apart



Sustainable Revenue Model

\$

Platform Fee: 2.5%

Applied to all marketplace sales

Industry-standard rate

Transparent, on-chain deduction

Revenue Projection Example:

Monthly Sales: 100 ETH

Platform Fee (2.5%): 2.5 ETH Annual Revenue: 30 ETH (~\$60k)



Creator Benefits

- ✓ Perpetual Royalties (5-20%) Set your own rate, earn on every resale
- √ Global Market Access

 Reach international buyers, 24/7 marketplace
- ✓ Affordable Registration Gas fees only (~\$0.50), no middlemen



Market Opportunity

63M+

Indonesia Creative Workers

200M+

Southeast Asia Potential

\$2.6T

Global Creative Economy

Roadmap: From Testnet to Ecosystem



Phase 1

Current - October 2025

- √ 3 smart contracts deployed & verified (Sepolia)
- √ Full-stack dApp (100% blockchain integrated)
- 5 asset types supported
- √ 90 tests, 100% coverage
- √ Security audit passed



Phase 2

Q1 2026

- Deploy to Ethereum Mainnet or Polygon
- · Creator onboarding campaign
- · Partnership with Indonesian creator communities
- Mobile app development (React Native)



Phase 3

Q2-Q3 2026

- Multi-chain support (Solana, Base, etc.)
- · Al-powered content verification
- · Integration with Indonesian legal system
- · Dispute resolution mechanism



Phase 4

Q4 2026

- · Expand to Southeast Asian markets
- Localization (Thai, Vietnamese, Filipino)
- Institutional partnerships (galleries, studios)
- Creator education programs

Long-term Vision

Become the **standard for copyright protection in Indonesia**, bridge Web2 creators to Web3, and enable economic empowerment for **63M+** creative workers

Empowering Indonesia's Creative Economy



of Economic Empowerment

- · 63 million+ creative workers gain affordable copyright protection
- · Democratize IP rights (not just for big corporations)
- Enable micro-creators to monetize their work





Global Market Access

- Indonesian creators can sell to international buyers
- · Remove geographic barriers
- Compete on global Web3 marketplace



Strengthen IP Culture

- Educate creators about copyright importance
- · Build IP-aware creative community
- Reduce piracy through easy registration



m Align with National Goals

- · Support OJK's digital financial innovation vision
- Contribute to Indonesia's creative economy GDP (8%+)
- · Foster blockchain adoption in creative sector

Real-World Impact

If just 1% of 63M creators use KaryaChain:

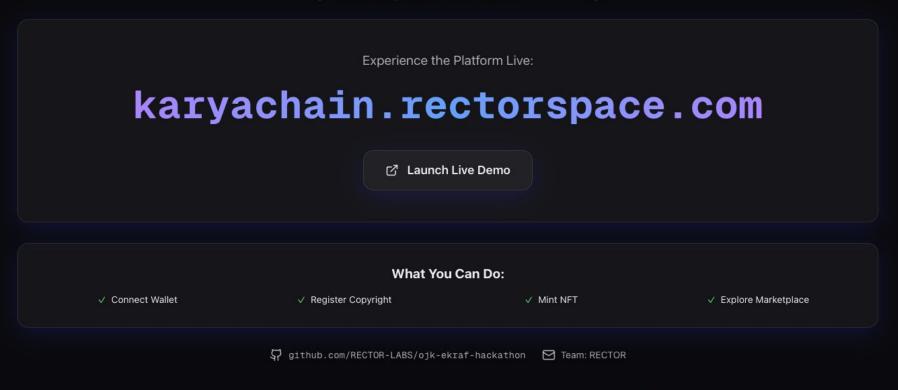
630,000

\$300,000+



Saved in Registration Fees

Try KaryaChain Today



Join us in empowering Indonesia's creative economy!