

Junior Developer - Storage & Data Management

Status: Open

Role Overview

We're seeking a junior developer with a focus on storage systems and data management to join StorPunk. You'll be responsible for implementing the temporary data storage mechanics, TTL-based data lifecycle, and efficient data retrieval systems that are core to our platform.

Cypherpunk Principles Required: The position requires understanding of and commitment to privacy through cryptography, decentralized architecture, and resistance to centralized control. The work involves both technical implementation and advancement of digital sovereignty principles.

Essential Skills

- **Rust** - Intermediate level, understanding of memory management
- **Storage Systems** - Experience with databases or storage engines
- **Data Structures** - Strong knowledge of efficient data structures
- **Concurrency** - Understanding of concurrent data access patterns
- **Problem Solving** - Analytical approach to performance optimization

Bonus Skills

- Experience with content-addressable storage
- Knowledge of erasure coding or data redundancy techniques
- Familiarity with distributed databases
- Understanding of data compression algorithms
- Experience with time-series data or TTL-based systems

Responsibilities

- Implement TTL-based data lifecycle management
- Develop efficient data storage and retrieval mechanisms
- Work on data redundancy and reliability systems
- Optimize storage space utilization
- Create data integrity verification systems
- Write tests for storage subsystems

What We Will Offer Upon DAO Launch

- Competitive market-rate compensation as a remote contractor
- Native \$PUNK token allocation for completed milestones
- **Founder Bonus:** Early contributors who join before DAO launch will receive additional founder allocation of tokens

- 100% remote, async-friendly environment
- Full flexibility to work from any location
- Mentorship from senior team members
- Opportunity to work on foundational technology
- Be part of a movement toward true digital sovereignty

Ideal Candidate Profile

- 1-3 years Rust or similar systems programming
- Experience with distributed storage systems
- Knowledge of cryptographic data protection
- Attention to detail and quality
- Ability to solve complex technical problems

How to Apply

Interested candidates should reach out via the Retroshare contact method. Please include: - Links to relevant projects or GitHub profile - Brief overview of your storage systems experience - Ideas for efficient temporary storage implementation - Availability and compensation expectations

Contact information available at: <https://storpunk.io/join-us/>