

WORK VAPOR

Job Link: <https://workvapor.in/jobs/software-engineer-consensus-remote-usa/>

HIRING ORGANIZATION

Confidential

EMPLOYMENT TYPE

Full-time

BASE SALARY

INR 30,000 - INR 40,000

DATE POSTED

? December 20, 2024

SOFTWARE ENGINEER, CONSENSUS (REMOTE – USA)

JOB LOCATION

? Remote work from: USA

DESCRIPTION

Job Title: Software Engineer, Consensus (Remote – USA)

Company: Yeah! Global

Location: San Francisco, CA, United States

Position Type: Full-Time

Job Description

Yeah! Global is seeking a highly skilled **Software Engineer** specializing in Consensus to join our remote team in the USA. In this role, you'll design and enhance critical consensus mechanisms, ensuring the stability, security, and scalability of the **Solana network**. If you're passionate about blockchain technology and distributed systems, we want to hear from you!

Responsibilities

- **Network Stability:** Design and implement mechanisms to improve throughput and stability of the Solana network.
- **Efficient Block Production:** Create and refine algorithms for fair and efficient validator participation.
- **Security Enhancement:** Identify and mitigate vulnerabilities in consensus mechanisms to counter emerging threats.
- **Scalability:** Enhance system scalability to handle increasing transaction volumes without compromising performance.

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- **Testing:** Develop comprehensive tests, including stress tests, fault injection, and benchmarking, to validate consensus reliability.
- **Collaboration:** Work closely with cross-functional teams to ensure seamless integration of consensus components.
- **Documentation & Code Review:** Maintain thorough documentation of protocols and participate in peer code reviews.

Candidate Requirements

- **Education & Experience:**
 - Bachelor's degree in Computer Science, Engineering, or equivalent practical experience.
 - 3+ years of hands-on experience in core infrastructure software and distributed systems.
- **Technical Expertise:**
 - Strong proficiency in systems programming languages such as **Rust** or **C++**.
 - Knowledge of consensus algorithms, distributed systems, and blockchain technology.
 - Familiarity with security best practices and common threats.
 - Experience with performance profiling and optimization techniques.
- **Problem-Solving:**
 - Ability to analyze complex systems and develop effective, flexible solutions.
- **Communication:**
 - Excellent teamwork and communication skills to thrive in a collaborative environment.

Desirable Skills

- Familiarity with Linux, systems automation tools, and systems architecture.
- Understanding of networking principles underlying distributed systems.
- Knowledge of **Byzantine Fault Tolerance (BFT)** and secure protocol design.
- Research-oriented with active participation in Bitcoin, Ethereum, or blockchain projects.
- Contribution to the open-source community is a significant plus.

How to Apply

Contact us at **08069824660** for more details and application submission.