Position Title: Senior Software Engineer (Distributed Systems)

Experience Required: 5+ years

Location: Mumbai (onsite)

Job Summary:

We are seeking a highly experienced Senior Software Engineer with deep expertise in designing and operating distributed systems at scale. The ideal candidate will possess strong architectural judgment, extensive production experience, and the ability to build reliable, high-performance backend systems that scale with growing traffic, data volume, and business complexity.

Key Responsibilities:

- Design and build scalable distributed systems capable of handling high traffic and large data volumes.
- Make informed architectural trade-offs balancing consistency, availability, and performance.
- Design and operate Kafka-based event-driven systems in production environments.
- Lead data modeling decisions across Cassandra, Elasticsearch, and relational databases.
- Build and optimize high-performance Java (Spring Boot) services with strong JVM and concurrency understanding.
- Ensure systems are resilient, observable, and maintainable with clear failure handling strategies.

Required Skills and Qualifications:

- 5+ years of experience designing and operating distributed systems in production environments.
- Strong understanding of CAP theorem trade-offs and large-scale architectural design principles.
- Proven hands-on experience with Kafka, Cassandra, Elasticsearch, and relational databases (Postgres/MySQL).
- Extensive experience building production-grade Java services (Spring Boot) with deep JVM knowledge (memory, GC, concurrency).
- Strong understanding of networking fundamentals (TCP/IP, HTTP/2), connection pooling, timeouts, and backpressure handling.

What We Offer:

- Competitive compensation and benefits.
- Opportunities to work on cutting-edge technologies and projects.
- A collaborative and innovative work environment.
- Continuous learning and professional development support.

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