

**[Your Full Name]**  
[City, State, Zip Code]  
[Phone Number] | [Email Address]  
[LinkedIn Profile URL] | [GitHub/Portfolio URL]

[Date]

[Hiring Manager Name]  
[Title]  
[Company Name]  
[Company Address]

Dear [Hiring Manager Name],

I am writing to express my interest in the **Distributed Systems Engineer** position at [Company Name]. With a strong background in designing scalable backend architectures and a deep understanding of distributed computing principles, I am eager to contribute to [Company Name]'s mission of [Company Goal/Project].

In my previous role at [Current/Previous Company], I focused on [Specific Technical Area, e.g., microservices orchestration, consensus algorithms, or high-throughput data pipelines]. My key achievements include:

- Architecting a [System Name] that handled [X] requests per second with [Y]ms latency.
- Optimizing [Specific Protocol/Database] performance, resulting in a [%] reduction in infrastructure costs.
- Implementing [Specific Technology, e.g., Kafka, Kubernetes, or gRPC] to solve [Specific Distributed Systems Problem].

I am particularly drawn to [Company Name] because of your work on [Specific Technical Challenge or Product]. I have extensive experience with [Primary Language, e.g., Go, Rust, or Java] and have tackled complex issues regarding eventual consistency, fault tolerance, and network partitions (CAP theorem trade-offs). I am confident that my technical expertise in [Specific Skill 1] and [Specific Skill 2] aligns perfectly with the requirements of your engineering team.

Thank you for your time and consideration. I look forward to the possibility of discussing how my technical background in distributed systems can help [Company Name] scale its infrastructure.

Sincerely,

[Your Full Name]