

**Rohit Kumar**

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**Dear Hiring Manager,**

**I am writing to express my interest in the Software Engineer role at Microsoft. With a strong foundation in distributed systems, backend development, and incident response, I am eager to contribute to Microsoft's mission of building resilient, planet-scale infrastructure that supports billions of global users.**

**In my current role as a Software Developer at Go Digit Life Insurance, I work closely with systems that demand high availability and real-time responsiveness. I have designed and deployed microservices using Java and Spring Boot, optimized PostgreSQL queries for sub-second latency, and built a Kafka-based event processing system that handles over 500K messages per day with 99.9% reliability. Additionally, I have improved incident resolution time by 60% by implementing automated runbooks, health checks, and real-time monitoring with Prometheus and Grafana.**

**My academic and personal projects have reinforced my expertise in system design and large-scale architectures. For example, I developed a real-time fraud detection system using Kafka Streams and Spark, a distributed URL shortener with 1M+ monthly hits, and a secure file storage platform using MinIO. These initiatives not only strengthened my skills in C++, Python, and cloud-native technologies, but also deepened my understanding of fault tolerance, load balancing, and observability in complex systems.**

**I am particularly drawn to this role because of Microsoft's focus on reliability engineering and rapid incident response within globally distributed systems. The opportunity to work on first-responder systems and collaborate with experts to ensure high availability and performance at scale excites me. I am also enthusiastic about contributing to innovations like Copilot, LLM-powered services, and secure enterprise integrations with platforms such as SAP and ServiceNow.**

**I bring to the table strong problem-solving skills, a growth mindset, and a deep commitment to service excellence. I would be honored to join Microsoft in building resilient systems that empower people and organizations around the world.**

**Thank you for considering my application. I look forward to the opportunity to discuss how my background and experience align with Microsoft's vision.**

**Sincerely,**

**Rohit Kumar**