**Role: Python with Kafka Developer with AWS Expertise**

Summary: We are seeking a skilled Python Developer with strong experience in working with Kafka and AWS services. The ideal candidate will be responsible for designing, developing, and maintaining scalable and high-performance applications that utilize Kafka for real-time data streaming and processing. Proficiency in Python programming, Kafka architecture, and AWS services such as EC2, S3, Lambda, and CloudFormation is essential. The candidate should possess a deep understanding of event-driven architectures, data pipelines, and cloud deployment best practices. Collaboration with cross-functional teams to deliver efficient and reliable solutions will be a crucial aspect of this role.

Key Responsibilities:

* Design, develop, and deploy Python applications that integrate with Kafka for data streaming and processing.
* Create and manage Kafka topics, partitions, and consumers to ensure efficient message delivery and processing.
* Develop and maintain AWS-based solutions utilizing services like EC2, S3, Lambda, and CloudFormation.
* Collaborate with data engineers, software developers, and DevOps teams to design and implement robust event-driven architectures.
* Optimize performance and scalability of Kafka-based applications to handle large volumes of real-time data.
* Troubleshoot and debug issues related to Kafka, Python applications, and AWS services.
* Implement security best practices to ensure data confidentiality and system integrity.
* Stay updated with industry trends, emerging technologies, and advancements in Kafka, Python, and AWS.

Qualifications:

* Strong proficiency in Python programming with a focus on writing clean, maintainable code.
* Demonstrated experience in designing and working with Kafka-based data streaming and processing systems.
* Solid understanding of Kafka architecture, including topics, partitions, brokers, and consumers.
* Hands-on experience with AWS services like EC2, S3, Lambda, and CloudFormation for building cloud-based applications.
* Familiarity with event-driven architectures, microservices, and distributed systems.
* Problem-solving skills to diagnose and resolve issues across the Kafka, Python, and AWS technology stack.
* Effective communication skills to collaborate within cross-functional teams.
* AWS certification(s) is a plus.

If you are a passionate Python Developer with expertise in Kafka and AWS, and you thrive in a dynamic and collaborative environment, we encourage you to apply and join our team of innovative professionals dedicated to creating cutting-edge solutions.