

International Conference on **Artificial Intelligence and Cloud Computing (ICAICC-2025)**

Conference Proceedings

May 10, 2025 (Virtual)

Optimizing Microservices Management: Integrating Kong Service Mesh with Kubernetes on AWS Using Infrastructure as Code

Abhiram Reddy Peddireddy

DevOps Engineer, USA

This presentation will explore the integration of Kong Service Mesh with Kubernetes, utilizing Infrastructure as Code tools for deployment on AWS. It will focus on enhancing the scalability, security, and management of microservices architectures, aligning with the conference themes of artificial intelligence and cloud computing.