INSIGHT ON: PLATFORM ENGINEERING

Intelligent Applications & ACWF: Revolutionizing IT Platform Engineering

In the ever-evolving landscape of technology, Gartner highlights the, "*Rise of Democratised Generative AI (GenAI), AI Trust, Risk and Security Management (TRiSM), AI-augmented development, Intelligent applications, and the Augmented-connected workforce (ACWF) as key trends for 2024.*"

Democratised Generative AI

GenAI is transforming the way information is accessed and utilized, leveraging pretrained models, cloud computing, and open-source resources. By 2026, it is anticipated that over 80% of enterprises will have incorporated GenAI in their production environments.

AI Trust, Risk, and Security Management

AI TRiSM emerges as a critical element in managing the risks associated with AI technologies. It focuses on ModelOps, proactive data protection, AI-specific security, and model monitoring. This trend addresses the urgency of having effective controls in place to manage AI-related risks.

AI-Augmented Development

This trend empowers software engineers with AI technologies to enhance designing, coding, and testing of applications. AI-augmented tools are set to boost productivity, allowing engineers to focus more on strategic activities like design and composition of business applications.

Intelligent Applications

Intelligent applications, powered by AI-based services, are reshaping how organizations adapt and respond to user needs. These applications are becoming increasingly essential due to the growing demand for talent and the significant impact AI is expected to have across industries.

Augmented-Connected Workforce (ACWF)

ACWF is a strategic approach to maximizing the potential of human workers using intelligent applications and workforce analytics. It focuses on enhancing the workforce's experience, skill development, and well-being, while also driving business results.

Platform Engineering

Platform Engineering is identified as a crucial discipline in building and operating self-service internal development platforms. These platforms are designed to support user needs, optimize productivity, and accelerate the delivery of business value.

Conclusion: A Strategic Shift for IT Platform Engineering Teams

These trends signify a strategic shift for IT Platform Engineering Teams, underscoring the importance of adapting to these emerging technologies. By embracing these trends, teams can support the development and deployment of applications more effectively, ensuring robust and secure data center operations. This approach is key to navigating the challenges of modern technology management and staying ahead in the competitive landscape of the tech industry.