Tech Mahindra Announces AI Center of Excellence, Powered by NVIDIA AI Enterprise and Omniverse Platforms

Technology

Author : mahindraadmin Category : Technology Published : 10/24/2024

Pune – October 24th, 2024: Tech Mahindra (NSE: TECHM), a leading global provider of technology consulting and digital solutions to enterprises across industries, announced the establishment of a Center of Excellence (CoE) powered by NVIDIA platforms to drive advancements in sovereign large language model (LLM) frameworks, agentic AI, and physical AI.

Based on the Tech Mahindra Optimized Framework, the CoE leverages the NVIDIA AI Enterprise software platform — including NVIDIA NeMo, NVIDIA NIM microservices and NVIDIA RAPIDS — to offer customized, enterprise-grade AI applications to help its clients adopt agentic AI in their businesses. Agentic AI significantly improves productivity by enabling AI applications to learn, reason, and take action. The CoE also uses the NVIDIA Omniverse platform to develop connected industrial AI digital twins and physical AI applications across various sectors, including manufacturing, automotive, telecommunications, healthcare, banking, financial services and insurance.

Leveraging the capabilities of the CoE, Tech Mahindra has also developed Project Indus 2.0, an advanced AI model powered by NVIDIA NeMo based on Hindi and dozens of its dialects, such as Bhojpuri, Dogri, and Maithili. Project Indus 2.0 caters to diverse sectors, including retail, banking, healthcare, and citizen services, in India. It stands out as a state-of-the-art LLM that advances Hindi and dialect conversations. In the future, Indus 2.0 aims to include agentic workflows and support multiple dialects to provide a more nuanced and effective AI solution tailored to India's diverse linguistic and cultural landscape.

Atul Soneja, Chief Operating Officer, Tech Mahindra, said, *"At Tech Mahindra, we are redefining the boundaries of AI innovation. Collaborating with NVIDIA, we are setting a new benchmark for enterprise-grade AI development by seamlessly integrating GenAI, industrial AI and sovereign large language models into the heart of global enterprises and industries."*

Tech Mahindra will also leverage the new NVIDIA NIM Agent Blueprint for customer service to help call center clients build custom AI virtual assistants that can aid human agents in rapidly resolving issues.

John Fanelli, Vice President, Enterprise Software at NVIDIA, said, *"Built with NVIDIA technology, Tech Mahindra's Center of Excellence will accelerate the development and adoption of sovereign AI LLMs and applications tailored for India's diverse industries and linguistic landscape. Our collaboration with Tech Mahindra is helping create a foundation for AI-driven innovation in the region and*

around the world."

The CoE, located within Tech Mahindra's Makers Lab in Pune and Hyderabad, is a significant step in the organization's efforts to bring GenAI, LLMs, and digital twins into mainstream use, providing solutions for enterprises and end users.

About Tech Mahindra

Tech Mahindra (NSE: TECHM) offers technology consulting and digital solutions to global enterprises across industries, enabling transformative scale at unparalleled speed. With 150,000+ professionals across 90+ countries helping 1100+ clients, Tech Mahindra provides a full spectrum of services including consulting, information technology, enterprise applications, business process services, engineering services, network services, customer experience & design, AI & analytics, and cloud & infrastructure services. It is the first Indian company in the world to have been awarded the Sustainable Markets Initiative's Terra Carta Seal, which recognizes global companies that are actively leading the charge to create a climate and nature-positive future. Tech Mahindra is part of the Mahindra Group, founded in 1945, one of the largest and most admired multinational federation of companies. For more information on how TechM can partner with you to meet your Scale at Speed™ imperatives, please visit https://www.techmahindra.com

Tags :

AI | Project Indus 2.0 | sovereign large language model (LLM) frameworks | Agentic AI | physical AI