

Artificial Intelligence

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At ATMECS Global, we stand at the cutting edge of AI innovation, dedicated to transforming businesses across industries through customized, AI-driven solutions. Our AI Practice is designed to tackle complex challenges with precision, leveraging the latest advancements in artificial intelligence to foster digital transformation and deliver measurable business outcomes.



Our Approach

Our approach to AI implementation is structured and iterative, ensuring seamless integration and maximum impact. We follow a three-phase methodology: **Engage**, **Extend**, and **Empower**, allowing us to deliver AI solutions that are not only effective but also sustainable.

Engage: We collaborate with you to identify key AI use cases that align with your business objectives.

Extend: By integrating AI models with your existing systems, we enhance operational efficiency and unlock new capabilities.

Empower: We provide continuous support and training, empowering your teams to leverage AI for ongoing success.

Partnership Overview

Our alliance with NVIDIA enhanced our ability to deliver world-class AI solutions. By leveraging NVIDIA's cutting-edge accelerated computing technologies and AI frameworks, we accelerate the development and deployment of AI models that drive innovation across industries. This partnership enables us to provide our clients with the most advanced AI capabilities, ensuring they remain at the forefront of technological advancements.

[Learn More](#)



Our Services

ATMECS Global offers a comprehensive suite of AI services designed to meet the diverse needs of our clients. Our offerings include:

AI-Driven Solutions

- Conversational AI
- Image and Video Computer Vision
- Process Automation
Personalized
- Customer Engagement

Generative AI

- Drafting and Summarization
- Speech Synthesis
- Virtual Assistants
- Enterprise Search

NVIDIA Software and Products

- NVIDIA AI Enterprise
- NVIDIA NeMo™
- NVIDIA NIM™
- NVIDIA Omniverse™ Enterprise

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Our Work

Our portfolio highlights the depth of our expertise and the impact of our AI solutions. We have successfully executed projects across various domains, showcasing our ability to deliver innovative, salable, and impactful AI applications.



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Utilizing NVIDIA NeMo pre-trained language models optimized for large-scale data processing, enabling faster, more accurate content creation, contextual search, and document summarization.

Search, Generation and Summarization



Leveraging NVIDIA® Riva to facilitate real-time, natural-sounding voice generation for applications like audiobooks, virtual agents, and more.

Speech Synthesis



NVIDIA NIM Agent Blueprint for customer service empowers enterprises to create lifelike, interactive avatars for their applications using advanced AI technologies and customizable workflows.

Virtual Assistants



The NVIDIA Morpheus framework empowers creation of AI-driven solutions for faster threat detection and mitigation, enhancing cybersecurity team efficiency with Gen AI and agentic workflows.

Enterprise Cybersecurity

Our Team of Experts

Our subject matter experts are seasoned industry professionals who can provide thought leadership and strategic or tactical support for your next aerospace initiatives.



Lori Banas

CHIEF AI/ML OFFICER

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Sanjay Singh

CHIEF ENGINEERING OFFICER

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David Mann

CIO & EVP

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Sai S Sampathkumar

Assistant Vice President, Product Management

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Bio

Sai S Sampathkumar

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Sai has about 20 years of experience across multiple industries and geographies with functional expertise in Business Analytics, Product Management, Business Strategy and Organizational Leadership. At ATMECS, he plays at the convergence of Sports Business, Digital Technologies and Next Generation Analytics.

Prior to joining ATMECS, he held influential analytics and product management roles with companies like Progressive Insurance, Farmers Insurance in the US, has been a second generation small business owner in manufacturing and has worked with top sports organizations in India as an entrepreneur. Sai holds an MBA degree in General Management from Cornell University, an MS in Applied Statistics from Bowling Green State University, USA. He is also a certified Lean Six Sigma Black Belt.

Close

Are you interested in what we do? Reach out to the passionate minds!

With vibrant, energetic, agile, nimble teams, we are constantly looking to solve complex problems. Contact us to know more!

[Let's Partner](#)

[Join our team](#)

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