Revolutionizing Industries with Generative AI:
Recent Breakthroughs and Their Impact

Speaker Biography

Dr Dennis Ong is a distinguished TEDx speaker on AI and currently serves as a Technology Executive at Amazon Web Services (AWS), where he drives business and technology innovation for Fortune 100 companies. His focus at AWS is on AI and cloud transformation, helping organizations harness cutting-edge AI technologies to develop innovative applications and solutions. With a career that bridges both industry and academia, Dr Ong is also a Technical and Business Advisor on the Industry Advisory Board at the University of Pennsylvania's PRECISE AI Research Center.

Before joining AWS, Dr Ong led 5G/AI research teams at Verizon, where he directed R&D projects that integrated AI with 5G. Notably, his research teams played a key role in demonstrating the world's first 5G/AI autonomous vehicle in collaboration with Honda Research Institute and the University of Michigan. As a frequent global speaker, Dr Ong shares his expertise on AI, 5G, and blockchain technologies, and holds several patents in 5G and AI innovations.

Dr Ong's academic background includes an MBA with honors from the University of Chicago Booth School of Business and a PhD in Electrical and Computer Engineering, where he was a University Fellow at The Ohio State University. He also served as an adjunct faculty member at Ohio State, furthering his contributions to both education and industry.