

PROFILE

CEO
Fujitsu Research of America

CITATION

Visionary leadership in industrial research and innovation, advancing artificial intelligence, quantum computing, data security, robotics, and technology commercialization.

INDRADEEP GHOSH

AAEOY Executive of the Year Award

Dr. Indradeep Ghosh is currently the Chief Executive Officer at Fujitsu Research of America, located in Santa Clara, California. He heads Fujitsu's research efforts in North America and leads a team of over 100 employees doing cutting edge research in AI, quantum computing, data & security, and robotics. He has been working in industrial R&D for over 28 years in various areas of hardware and software analysis, quality assurance, optimization, AI, and Quantum computing.

Indradeep received the Bachelor of Technology degree in Computer Science and Engineering from the Indian Institute of Technology, Kharagpur in 1993. He received the M.A. and Ph.D. degree in Electrical Engineering from Princeton University, New Jersey, in 1995 and 1998 respectively.

Since 1998 he has been working on and leading various research projects at Fujitsu Research of America, where he took over the reins as CEO in 2023. He has authored or co-authored more than 60 technical articles in international journals and conferences and is an inventor of over 50 US patents. He has co-authored multiple best papers in international conferences on hardware and software design and is the co-author of a book on hardware validation.

As a technology leader Indradeep has demonstrated the necessary technical mastery of a vast array of subjects. This position not only requires technical expertise but also business acumen as converting researched IP into business is one of the hardest problems in an industrial research lab. Under his able guidance the US organization has doubled in size over the last 3 years. It has generated outstanding IPs in fields of computer vision, generative AI, human computer interface, digital twins, security and privacy, large language models, and quantum computing. Through effective partnerships with other companies and startups in North America, the research lab was able take many of these technologies to market. Thus, it no longer is only a cost center for Fujitsu, but it has actually started generating revenue. It is recognized as one of the leading industrial research labs in North America and partners with top Universities in North America like CMU, UC Berkeley, and University of Toronto to generate innovations that has the potential to change the future. The outputs of Fujitsu Research of America are published in leading conferences and journals in various fields of research and are regularly featured in US and international newspapers, magazines and tech blogs.

On a side note, from the early years of this century, clean energy and sustainability have been his personal conviction and passion leading to the design of his net-positive energy house that was covered in the local news media. The ideas and contents of that project have expanded into a graduate-level course which he teaches in Santa Clara University as an adjunct faculty. He is senior member of the IEEE and a member of the ACM.