

PURDUE QUANTUM SCIENCE AND ENGINEERING INSTITUTE

Innovating quantum technologies

Showcasing Industry-Relevant Use Cases

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Wednesday, April 28, 11 a.m.: [Zoom Link](#)

Accenture is exploring quantum formulations in multiple sectors. Today you will hear from Shreyas Ramesh talk on each work that has been mathematically formulated and has an implemented runtime. The quantum team learns multiple dimensions of quantum systems by creating these works, not just the method formulation but also the developer runtime consideration, implementing forces details to be solved and as a by product, providing valuable feedback to hardware companies (often including code commits) for execution improvements. These grant us valuable experience across platforms and offer training opportunities for new team members engaging in quantum to upskill our workforce. Often these works are inspirations for our next steps in quantum computing, by reviewing these with experts in the field we find that it can focus dialogue on a specific item or spark new ideas in tangential areas. We are open to feedback on the topics and are interested in engaging, constructive dialogue on these works as well as other quantum formulations in each of the industry topics in general.



Shreyas is Accenture's Global Quantum Systems Integration Lead within Accenture's Technology Incubation - Quantum Computing group. He is responsible for driving and delivering the Quantum Computing, Mobility, Robotics and IoT solution across industries. He is responsible for the Quantum Computing group's P&L that also extends to Accenture's Federal Services. He has over 20 years of experience in implementing and leading cutting-edge solutions across various geographies, managing 100+ people globally, and enabling 10,000+ employees across several emerging technologies. He demonstrates capabilities in designing, building, running and improving Web & Mobile platforms, infrastructure, security and operations, using a risk-based approach, Six Sigma, SDLC (Agile & Waterfall) and ITIL methodologies in a multi-vendor environment. He built and led the Accenture Digital Mobility practice in Australia and has also doubled the Quantum group practice globally. Furthermore, he is an Accenture Certified Senior Technology Architect, certified via MIT on Quantum Information Sciences and is also an inventor within Accenture with several patents that's relevant across every industry.