Abstract:

In this session, Zia Mohammad offered an overview of Amazon Braket, a fully managed quantum computing service that enables researchers and developers to design, simulate, and run quantum algorithms on various quantum hardware platforms. Through an engaging demonstration, he showcased how to use Braket's tools to develop quantum programs, execute them on different QPUs, and analyze the results. Attendees gained practical insights into leveraging Braket's capabilities to accelerate quantum computing research and application development.

Introduction of Zia

Zia specializes in cloud computing and AWS solutions. Zia has been a senior product manager at Amazon Web Services for the past three years. Prior to that, he worked for the Silicon Valley VC fund Grishin Robotics, The Internet Law and Policy Foundry in New York, and IBM Quantum. He holds degrees in Electrical Engineering and Computational Neuroscience from The Ohio State University.

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