**Driving Scalable Innovation in Cloud Architecture at Fidelity Investments**

In the dynamic landscape of cloud architecture, Nigel Dsouza has established himself as a pivotal contributor to enterprise-scale innovation. As a Principal Software Engineer and Technical Lead working with Fidelity Investments, USA - Nigel is at the forefront of building highly available, secure, and efficient infrastructure solutions that power critical financial platforms.

Nigel currently leads the architectural design and implementation using an Agile framework of the AWS-based for the infrastructure supporting one of Fidelity’s most strategically important initiatives – The Alternative Investments Platform. His work focuses on enhancing scalability, resiliency, and deployment automation within a highly regulated environment.

One of his key contributions is the development of a disaster recovery framework that ensures system continuity with no manual intervention. This architecture supports real-time failover and cross-region redundancy, significantly improving operational reliability and uptime.

In addition, Nigel has implemented reusable CI/CD pipelines using Terraform and native AWS services, which have reduced deployment time by more than 75% and improved consistency across development environments. His pipelines have become foundational across multiple teams, supporting faster onboarding, infrastructure standardization, and streamlined release cycles.

Beyond infrastructure, Nigel plays a critical leadership role—overseeing two agile squads and guiding engineers in best practices for cloud-native development, secure deployment, and infrastructure automation. His leadership emphasizes efficiency, operational excellence, and continuous improvement.

Nigel has demonstrated exceptional problem-solving skills with the ability to identify problems, brainstorm and analyse answers, and implement the best solutions in collaboration with the agile squads. He is the go-to person across projects for problem-solving and is proactive in understanding the root of a problem and works with the team to consider a wide range of solutions before deciding the optimal course of action.

His efforts have been formally recognized multiple times through Recognition Central Awards and commendations from senior management at Fidelity.

He holds certifications as a Google Cloud Professional Cloud Developer, underscoring his deep technical expertise and commitment to evolving with the industry.

Nigel’s broader goal centers on enabling financial platforms to scale securely and efficiently while driving forward innovations in infrastructure design, deployment strategy, and cloud-native tooling.

With a clear vision and a track record of success, Nigel Dsouza continues to shape the future of cloud engineering in the financial services sector—advancing the standards for performance, resilience, and automation.