

ABOUT

PRIVACY ENGINEERING

SUMMIT 2023

Embark on a journey into the heart of data privacy at Privacy Engineering Summit 2023! This summit serves as an important platform for professionals, cybersecurity experts and enthusiasts to collectively navigate the intricate landscape of privacy engineering. With the primary objective of delving into the latest advancements, challenges, and best practices in the domain of privacy engineering, the summit gains heightened significance in the wake of the Digital Personal Data Protection Act 2023 (DPDPA), which underscores stringent regulations for data protection. NCoE aims to cultivate a deeper understanding of the evolving role of privacy in today's digital landscape by assembling thought leaders and experts. Against the backdrop of the exponential rise in data breaches and privacy concerns, the summit offers a timely platform to explore solutions, share insights, and collaborate on strategies. Esteemed speakers are set to share valuable insights into the interplay between technology, data, and user privacy, providing a holistic view of the current state of privacy engineering.

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AGENDA

TIME	DURATION	SESSION
9:30 AM - 9:45AM	15 MINS	INAUGURAL SESSION
9:45AM - 11:00AM	75 MINS	<p>PANEL 1: PRIVACY POLICIES, REGULATIONS AND COMPLIANCE & PRIVACY FRAMEWORKS</p> <ul style="list-style-type: none">• Understanding the global and regional privacy regulations (GDPR, DPDP Act 2023) and Privacy Architecture• Discussing compliance challenges in formal sectors (say finance, healthcare, education) and sectors with no formal regulations• DPDP Act 2023: Consent management to data collection and data processing of information, notification, and data deletion;• Strategies and best practices for achieving and maintaining regulatory compliance.• Privacy eco system with Regulations, Frameworks, and the required Technologies to meet critical requirements/ bare minimum requirements; Case studies on successful implementations
11:00AM - 11:15AM	15 MINS	Tea Break
11:15AM-11:30AM	15 MINS	<p>Talk by Nandita Rao from DoorDash - Privacy Engineering: An approach for building a Privacy First World</p> <p>Keynote 1: Privacy Threat Modeling & PETs for DPDP Compliance by Mr. Abilash Soundararajan, (PrivaSapien)</p> <ul style="list-style-type: none">• Differentiating Privacy and Security• Privacy Engineering is Privacy Policies Plus Privacy Architecture• Importance of a well-designed privacy architecture in safeguarding sensitive data and meeting regulatory requirements.
11:30AM - 12:15PM	45 MINS	Key Components essential for robust privacy architecture (data flow diagrams, encryption mechanisms, access controls, and identity management)
12:15PM - 1:15PM	60 MINS	<p>Panel 2: Data Protection and Security Strategies</p> <ul style="list-style-type: none">• Building a technology stack with Tools for privacy engineering and specific tools that enhance data privacy and security.• Data anonymization, pseudonymization, and encryption techniques.• Securing data at rest and in transit, encryption key management.

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12:15PM - 1:15PM	60 MINS	<ul style="list-style-type: none"> • Securing data at rest and in transit, encryption key management. • Securing data in use: methods and technologies that secure data while it's being processed and analyzed, ensuring privacy at every stage of data handling. • Data access Governance/ management ; Consent Management for robust data protection. • Shaping the privacy architecture using privacy by design principles in product and service development • Challenges in implementing privacy architecture, such as scalability, interoperability, and adapting to evolving regulatory landscapes. • Present technological solutions and best practices to address these challenges, ensuring the resilience and effectiveness of the privacy architecture. • Privacy Enhancing technologies, Privacy-preserving algorithms, secure data sharing, and encryption innovations • Real-time data protection strategies • Way forward for privacy program post DPDPA with help of privacy toolset
2:00 pm to 3:00pm	1 hour	Lunch Break
3:00pm-3:30 pm	30 mins	Keynote 2 : Decoding Privacy & AI Governance Journey with DPDPA and DIA by Sameer Ahirrao, Ardent Privacy
3:30pm - 4:30pm	60 mins	Panel 3: Challenges and opportunities with Emerging Privacy Technologies <ul style="list-style-type: none"> • Research & Innovation in emerging privacy-enhancing technologies (PETs) in the context of AI and Generative AI, Cloud, IOT, Wearables and Blockchain • Emerging Technology driven privacy solutions, including automated compliance, data anonymization, and privacy-preserving technologies. • secure data sharing, AI-driven privacy-preserving technologies, and the integration of blockchain for enhanced transparency. • Security of AI Models and data protection • Generative AI in enhancing privacy and data protection. • Ethical considerations and responsible AI development in the context of data privacy.
4:30pm - 4:45pm	15 mins	Concluding Session
4:45pm - 5:45pm	1 hour	Exhibition visit
5:45pm - 6:00pm	15 mins	Tea Break & Disbursal