

The Future of Privacy in DevSecOps

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Abstract:

The seminar will consist of an industry-level analysis of DevOps, SecOps and DevSecOps with a focus on security automation and orchestration, secure development and vulnerability management. It will also delve into DevSecOps as a potential avenue for implementation of privacy by design principles and the expected benefits for organizations.

The integration of privacy into DevSecOps will allow organizations to design and implement strategies for software privacy that is customized to their specific risks by enabling them to systematically monitor existing privacy practices, proactively resolve privacy alerts in well-defined iterations and respond to privacy incidents in an efficient and timely manner.

Bio:

Preethi Josephina Mudialba currently works as a security specialist for the Bank for International Settlements. She holds a master's degree in Privacy Engineering from Carnegie Mellon University and a bachelor's degree in Electrical and Electronic Engineering from Nanyang Technological University. She has been actively involved in conducting research in the fields of online privacy, privacy-preserving techniques, usability of privacy and security interfaces, system hardening and has previously worked as a researcher for Columbia University privacy and security lab-New York, Agency for Science Technology and Research (A*STAR)-Singapore, Institut supérieur d'électronique de Paris-Paris, the Centre for Development of Telematics (C-DOT)-Bangalore.