

# Dr. Soumya Maity, /foum.'mo:/ /maɪ·ti:/ (he/him)

PhD (Information Security), GDSA, GISP, CCSK, CEH

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## PROFESSIONAL PROFILE

Expert in security driven software design, security development lifecycle, and security verification. 14+ years of experience to work with leading companies and academic research institutions. Widely appreciated for leadership skills, hard work, innovativeness, leadership skills and out-of-the-box thinking.

## EXPERIENCE

- *Distinguished Member of Technical Staff*, Dell Technologies (since March 2023)
- *Senior Principal Engineer* in Product and Application Security, Dell Technologies (2021 to 2022)
- *Principal Engineer* in Product and Application Security, Dell Technologies (2018 to 2021)
- *Principal Product Security Engineer* in Security Engineering, OpenText Inc. (2017 to 2018)
- *Associate Principal Engineer* in Product Security Office, EMC Corporation (2014 to 2017)
- Lead Engineer in R&D Division, Samsung Electronics Ltd. (2013 to 2014.)
- *Visiting Researcher in CyberDNA Lab, University North Carolina at Charlotte* (2011)
- Project Officer in SRIC, IIT Kharagpur (2009 to 2013)

## RESEARCH & EDUCATION

- Doctor of Philosophy (2015) in Information Security  
Dissertation: Access Control Models for Mobile Ad Hoc Networks  
Awarded by: Indian Institute of Technology, Kharagpur
- Visiting Research Scholar at CyberDNA Lab, University of North Carolina at Charlotte, NC, USA (2011)
- Bachelor of Technology in Computer Science and Engineering from Institute of Engineering and Management, Kolkata in 2008

## DOMAINS OF EXPERTISE

Software Security, Security Verification, Security development lifecycle, Cloud security, IoT and Blockchain

## PUBLICATIONS

- Published and presented 12 research papers in proceedings of International conferences conducted by IEEE or ACM.
- Published 5 research articles in esteemed journals (Elsevier, Springer and IEEE).
- Published one book chapter on Next Generation Security Techniques (With CRC press).
- 2 Patent applications under process (Yet to be published)

## CERTIFICATION

- GDSA – GIAC Defensible Security Architect, GIAC-SANS in 2021
- GISP – GIAC Information Security Professional, GIAC-SANS in 2020
- CCSK - Certification on Cloud Security Knowledge, CSA in 2020
- CEH - Certified Ethical Hacker v9, EC-Council, in 2016

## AWARDS

- Gamechanger Awards from Dell Technologies
- Four Excellency Awards from EMC Corporation.
- Best Idea for Innovation, Samsung Electronics (R&D) in 2014.
- Young Alumnus Award 2016 from Institute of Engineering and Management, Kolkata.