Dr. Soumya Maity, /ʃoʊm.ˈmoː/ /maɪ·tiː/ (he/him)

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

Phone: +91████████3344   Email: soumyamaity@gmail.com
Website: www.smaity.co.in   LinkedIn: https://www.linkedin.com/in/soumyam/
Postal Address: ████████████████████████████ Bengaluru 560064, India

PROFESSIONAL PROFILE

Technical leader and a passionate engineer with more than 14 years of experience in making software safe and secure. I have worked with top companies and universities, recognized for my great leadership, creativity, hard work, and unique ideas. My focus is on working with teams to build secure and effective software solutions.

EXPERIENCE

- *Awarded Distinguished Member of Technical Staff*, Dell Technologies (since *March 2023*)
- *Senior Principal Engineer* in Product and Application Security, Dell Technologies (since *2021*)
- *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 Faculty at REVA University, Bengaluru (Since 2019)
- 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

Threat Model, Secure Software Development Lifecycle, Cloud security, Cryptography, IoT and Blockchain

PUBLICATIONS

- Published 20+ research papers in proceedings of international conferences organized 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).
- 3 Patents awarded, 4 more filed.

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.