SANJAY RAJPAL

+1 (412) – 721 – 4381 | mailto:sanjaydr@andrew.cmu.edu | https://www.linkedin.com/in/sanjaydrajpal/

EDUCATION

Carnegie Mellon University   **Pittsburgh, PA**
Master of Information Systems Management   *Dec 2022*

University of Mumbai   **Mumbai, India**
Bachelor of Engineering in Information Technology   *May 2018*

SKILLS AND TOOLS

Skills: Zero Day Response, Software Composition Analysis, Vulnerability Management, Agile Methodologies, Project Management, Enterprise Risk Management, Internal and External Audit

Tools and Languages: Oracle SQL, Power BI, Java, Microsoft SQL, Python, Java, Microsoft Office Suite

WORK EXPERIENCE

Meta Platforms Inc. (Formerly Facebook)   **Menlo Park, CA**
Security Technical Program Manager Intern   *May 2022 – Aug 2022*
- Formulated a Zero-Day Response Program for 3rd Part Open-Source vulnerabilities for Meta FinTech Security Organization
- Tested the Zero-Day Response Program with a table-top activity identifying and addressing gaps in the program workflow
- Developed data swarm pipelines using Python incrementally updating asset inventory and tracking library level dependencies
- Created a dashboard for tracking important metrics for the Software Composition Analysis program using SQL queries in Unidash
- Collaborated with cross-functional partners globally establishing a platform for Threat Intelligence sharing at the enterprise level

Ernst and Young   **Mumbai, India**
Associate Consultant   *Oct 2020 – May 2021*
- Identified risks and vulnerabilities in business processes by performing vulnerability assessments improving client's risk posture
- Executed internal audits based on ISO 27001 standard mitigating design level gaps in client's business processes
- Performed project tracking using status reports and dashboards that identified KPI and potential challenges in project schedules
- Prepared Enterprise Risk Transformation Strategy and implementation plan for a large-scale technology client
- Reviewed client's infrastructure and existing risk mitigation controls and recommended improvements to the existing processes

Analyst   *Jun 2018 – Sep 2020*
- Evaluated compliance per various security frameworks and regulatory standards such as SOCR, SSAE18, ISO, PCI, and HITRUST
- Collected project requirements and executed risk advisory engagements for clients with a global presence
- Formulated policies and procedure documents and streamlined client's existing IT processes and business operations
- Performed ISO 27001:2013 Information Security Management System implementation for an AI/ML startup client

Drone Federation of India   **Mumbai, India**
Drone Pilot   *Mar 2020 – Aug 2020*
- Led the Rapid Response Drone team for combating COVID-19 in Mumbai by performing drone surveillance of densely populated areas and public spaces preventing crowding in Mumbai, in collaboration with the Mumbai Police Department
- Communicated with various police teams and mobilized units that dispersed crowds wherever spotted using drone surveillance solving the problem of community spread of COVID-19

PROJECTS

Bio-SEcUR (Biometric – Secured Encrypted User Resources), University of Mumbai   **Jun 2017 – May 2018**
- Developed an Arduino-based storage system that provided multi-layer encryption of data using minutia points of human thumbprint as the PIN value that encrypted the data stored
- Published a research paper on Bio-SEcUR in IJRAR (International Journal of Research and Analytical review) – Volume 6 | Issue 2 | June 2019 (*Link to Research Paper*)

ACCOMPLISHMENTS

- Kudos Award, Ernst & Young   *2019*
- Principal's Award of Excellence, University of Mumbai – Thadomal Shahani Engineering College   *2018*
- Vice-Chairperson and Chief Creative Coordinator, Computer Society of India – Thadomal Shahani Engineering College *2016 – 2017*
- Assistant Event Coordinator, Computer Society of India – Thadomal Shahani Engineering College   *2015 – 2016*

CERTIFICATIONS

- Registered Product Owner,   *2021*
- Cloud Practitioner, Amazon Web Services   *2021*
- Lean Six Sigma – Black Belt, Amsterdam University   *2021*