ARYAN PARASHAR

Entry-level Cyber Security Analyst

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aryanparashar-sati 🔗

Portfolio GitHub

Noida, National Capital Region, IND 🏠

EDUCATION

Samrat Ashok Technological Institute, BHS
Bachelors of Technology in Computer Science Engineering with InoT, Cybersecurity & Blockchain Technology | 2021 - 2025 . **RGPV, Bhopal**

Mayoor School, Noida
AISSE 2019 - 92% **|** AISSCE 2021 - 92%

CERTIFICATIONS

- **IBM Cyber Security Analyst Professional Certification** - IBM Corporation
- **Cisco Certified Junior Cyber Security Analyst Career Path** - Cisco Systems Inc.
- **Ethical Hacking Elite Certification** - NPTEL Indian Institute of Technology, Kharagpur
- **Google Cyber Security Professional Certifications** - Google LLC.
- **Google Chronicle SIEM Fundamentals** - Chronicle LLM.
- **Google Chronicle SOAR Fundamentals** - Chronicle LLM.
- **Google Chronicle Certified SOAR Analyst** - Chronicle LLM.
- **Splunk Security Operations & Defense Analyst** - Splunk Inc.
- **(ISC)2 Certified in Cybersecurity: CC** - International Information Security Systems Certifications Consortium
- **Fundamentals of Computer Network Security Specialization** - University of Colorado
- **Python for Cyber Security Specialization** - Infosec Institute

SKILL SET

- Network Security and Database Vulnerabilities
- Cyber Threat Intelligence
- Foundations of Cryptography
- Penetration Testing, Incident Response & Digital Forensics
- Cybersecurity Breach Case Studies
- Forensic Linguistics
- Linux Bash Scripting
- Wireshark
- Metasploit
- Linux, Windows & macOS Security
- MySQL Database Management
- OWASP 2021
- Compliance Frameworks - NIST and ITA, 2000
- Security Audits

PROFESSIONAL EXPERIENCE

Identity & Access Management Developer - RBAC MODEL @Tata Group

Internship . February '24 - March '24

IAM Developer at Tata Consultancy Services, fortified cybersecurity for TechCorp Enterprises within the Tata Group. Led IAM readiness assessment, tailored solution design, and advanced RBAC model implementation. Successfully completed a job simulation, acquiring expertise in IAM principles and cybersecurity best practices. Demonstrated strong communication skills through comprehensive documentation and presentations. Significantly enhanced TechCorp's cybersecurity posture and aligned with Tata Group's security objectives.

Email and Application Security Analyst @J.P. Morgan Chase & Company

Internship . January '24 - February '24

Led a comprehensive four-stage initiative showcasing expertise across diverse domains. Conducted advanced Fraud Analysis for Financial Payment Services using Pandas, NumPy, and Scikit-learn, implementing machine learning models for fraud detection. Designed a platform with two-step OTP authentication, incorporating OWASP frameworks. Applied TensorFlow and NLTK for Email Classification in a corporate environment, enhancing email security. Developed an Access Control System, limiting active roles and introducing a RolesCache system for efficient data security. These experiences highlight proficiency in machine learning, security best practices, and strategic solutions.

Phishing Threat Intelligence Analyst @Mastercard Inc.

Internship . December '23 - January '24

Served as an Threat Intelligence Analyst on Mastercard's Security Awareness Team, focusing on improving security in the HR and Marketing departments. Recognizing the susceptibility of these departments to phishing attacks due to their handling of sensitive information and extensive external communication, implemented targeted training courses and procedures. The significance of phishing threats in the financial industry was highlighted, with statistics indicating a substantial increase in attacks. Contributed to Mastercard's cybersecurity by emphasizing employee education, implementing email filtering, enforcing multi-factor authentication, and conducting regular security audits and assessments.

PROJECTS

InsightMonitor: Python scripted spyware that captures System Information, Clipboard Content, Screen Monitoring, Keystrokes, Audio, Screenshots and mails from victim system to the attacker system. [GitHub Repo. is Private]

StealthFrame: Python scripted Image Steganography Cipher system which encrypts the input data under AES-256(Fernet Lib.) to an image by manipulating the RGB values of each pixel to seamlessly embed the message which is mailed to be decrypted using a symmetric key. [GitHub Repo. is Public]

SQL Injections Avec Kali: A guided project done under coursera project network which manipulates SQL queries to gain unauthorized access and extract sensitive data from databases. [Under GitHub Portfolio]