**Richa Hasija**

**Advisory Board Member (EC-Council)**

**C|EH, C|HFI, ISO 27001:2013 LA, ISTQB Foundation**

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“Striving to upgrade knowledge and practices to retain excellence in the professional brief”

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| **COMPETENCIES**   * Web Application Security * Server Hardening * Vulnerability Assessment * Database Security * Authentication & Access Management * Social Engineering * Malware Analysis * Computer and Mobile Forensics * Data Recovery * System Security | **Profile Snapshot**   * A “Performance Driven Professional” with 5.9 years of diverse experience in Information Security. * Rich experience and knowledge of securing information in Government and Telecom sector. * Skilled Information Security Lead with expertise in Web Application Security, Infrastructure security, Malware Analysis and Access Management along with the knowledge of wide range of vulnerabilities and threats. * Able to thrive in fast-paced and challenging environment where accuracy and efficiency matter. * Excellent communication and interpersonal skills with proven abilities in resolving complex issues and people management.   **Strengths:**   * **Web application Security:** Well versed with various vulnerabilities and attacks on application- OWASP top 10 including SQL Injection, XSS, CSRF via BurpSuite and Firefox Addons. * **Database Security:** Securing the database from internal DB administrators forbidding them from running critical commands on DB servers. * **Vulnerability Assessment and Server Hardening:** Finding vulnerabilities in servers and providing resolutions to respective teams on removing the vulnerabilities. Also checking the hardening of servers as per Hardening policies. * **Authentication and Access Management**: Installation and implementation of Access management tool i.e. Dell TPAMso that only authorized users are mapped to servers. |

**Engagements**

**Dec’14 – Present: Tata Consultancy Services (TCS)**

With my progression to on-boarding and induction process with TCS, I avidly unlearned and re-learned new Cyber Security skills.

1. Application Security

2. Infrastructure Security

3. Authentication and Access Management  
4. End-user education  
5. Corporate Finesse & Business Communications

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| **Project Name** | Celcom |
| **Period** | 21-Oct-2016 To 20-Apr-2018 |
| **Role** | Security Lead |
| **Place** | Kuala Lumpur, Malaysia |

***Significant Achievements in Celcom***

* Responsible for Client communications on IT Security Services and governance with global account leadership including CISO and Executive Leadership.
* Accountable for client specific compliance requirements.
* Understanding of requirements through discussion with Product Owners and BA’s.
* Manual and automated black-box testing of Web/Mobile applications and Web Services using various tools:
* Software - IBM Rational Appscan, Burp Pro, OWASP-ZAP, SOAPUI, SQL Map, i-Shield, Android studio.
* Aptitude -Information Gathering, Manual Crawling & Spidering, SQL Injection, XSS, CSRF.
* Firefox Addons - Firebug, Wappalyzer, Rest Client, Advance Cookie Manager, Web Developer Tools.
* Preparing vulnerability assessment and penetration testing report for the identified vulnerabilities with exploitation and remediation steps
* Coordinating and assisting the development team through demos and sessions for fixing the identified vulnerabilities
* Conducting Information Security awareness sessions for entire Celcom Group.
* Analyzing and Reporting security vulnerabilities within the application context and removal of false positives reported by Third Party
* Identify and close all vulnerabilities before a solution release goes live and assuring 100% SLA Security Compliance for the same.
* Strong teamwork abilities, leadership, integrity, and relationship-building skills.
* Test strategy, planning and effort estimation for Application Security Test Assessments
* Handling End-to-End security of Applications including Audit.

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| **Project Name** | Central Board of Excise and Customs (CBEC) |
| **Period** | 10-Dec-2014 To 20-Oct-2016 |
| **Role** | Security Admin |
| **Place** | Delhi, India |

***Significant Achievements in CBEC***

* Vulnerability Assessment (Using Nessus, Nmap)
* Reporting all vulnerabilities (web application and server) to respective teams and also suggesting ways to remove the vulnerabilities.
* Implementation and upgradation of IBM Info sphere Guardium from 32 bit to 64 bit(Database Security)
* Worked on Installation and Implementation of TPAM (Total Privileged Access Management).
* Installation and Configuration of Active Directory and DNS on Windows Server 2012.
* Worked on Dell QAS (Quest Authentication service)
* Worked on monitoring tools like Symantec Mail Gateway (SMG) and Symantec Security Endpoint Protection Manager (SEPM), Symantec Critical System Protection (SCSP).
* Created audit script in Tenable Nessus for Desktop Audit and Server Audit as per controls implemented in the project.
* Worked on Linux and HPUX servers.
* Worked as Internal Auditor in the project - ISO 27001:2013
* Identified Areas of Improvement and built processes to close the gaps.
* Ability to perform tasks with minimal supervision.
* Coached Teams on understanding best Security practices and conducted Knowledge transfer sessions on Database security.
* Ensured that all the security advisories are implemented in the infrastructure as mentioned by CERT-in.
* Trained new team members for better communication.

**Aug’12 – Dec’14: ASCG Corporate, Delhi**

Worked as an Information Security Consultant to the organization. Had the opportunity to work on different projects.

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| **Project Name** | Multiple Projects |
| **Period** | 16-Aug-2012 To 9-Dec-2014 |
| **Role** | Information Security Consultant |
| **Place** | Delhi, India |

***Significant Attainments***

* Forensic skills having hands-on knowledge on Malware Analysis, Registry Files, File System, Mobile devices, Android OS, Browser, E-mail, Forensics data recovery and Internet related activities Forensics.
* Malware Analysis of android applications and windows executables.
* Extracted physical, logical and file system dumps from around 100 mobile devices using Oxygen Forensics Suite.
* **Malware Analysis**
* Android apk using Santoku.
* Windows executables using Sandboxie, Process explorer, Hex editor, CFF explorer, File Insight, RegFsNotify, Wireshark etc.
* **Vulnerability Assessment**
* Nessus, NMAP for finding Network Vulnerability.
* Acunetix for finding website vulnerability.
* Creating and submitting reports
* **Computer and Mobile Forensics(Data Recovery)**
* Tools like, IM solo4 and active boot disk, used to recover data of formatted computer system and mobiles.
* Oxygen forensic for data recovery of blackberry, iPhone, Android and other mobile devices.
* Server Handling, Data Transfers using Filezilla, VPS Handling.
* Provide strategic guidance to organizations with regard to technology.

**Educational Credentials and Learning Curve**

* Bachelor of Technology (Computer Science) from Shri Balwant Institute of Technology, Sonipat (Affiliated to Maharishi Dayanand University, Rohtak, India) in the Year 2012.

***Certifications:***

* Cyber Crime and Forensic Investigator by Appin Technologies
* ISO/IEC 27001:2013 Lead Auditor certified (BSI) by IRCA
* Certified Ethical Hacker Version 8 (CEH v8) by EC-Council
* Certified Hacking Forensic Investigator Version 8 (CHFI v8) by EC-Council
* Certified ISTQB Foundation Level Software Tester

**Skill Set and Technical Know-How**

* Basic Linux Commands and Networking.
* **Tools Used-** Nmap, Nessus, Burpsuite, SQLmap, Acunetix, Checkmarx, SoapUI pro, AppSpider Pro, i-Shield, m-Guard, Wireshark, Im Solo4, Active Boot Disk, Oxygen Forensic, IBM Guardium, Dell TPAM, Dell QAS, SMG and SEPM
* **Windows Operating System:** Windows Server 2012/2008/2003, Windows XP & 7, VmWare Workstation.
* **Unix/Linux:** Ubuntu 12.04, Kali Linux, HPUX, Santoku, Solaris, RHEL 6.1
* **Server Handling:** File Server → FTP, NFS, WinSCP

Mail servers → Thunderbird, POP3, IMAP

**Passport Details**

Passport Number: K7273428

Place of Issue: Delhi

Issued on: Sep 17 2012

Validity: Sep 16 2022

**Professional Achievements**

* Advisory Board Member of EC-Council for CHFI.
* Appreciation from Clients and Managers for Proactive Involvement and efforts.
* Awarded as “Star of the Quarter” in appreciation of outstanding contribution to the organization for Financial Year 2015-2016.
* Many on the spot award for performing beyond expectations within the team.
* Awarded with the best band in every financial year in both the organizations for performing well.

**Personal Snippets**

Date of Birth: 08/03/1990.

Present Residence: Chandigarh (India).

Linguistic Skills: English, Hindi.