



MADHURJYA MAZUMDAR

India

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SUMMARY

"INFORMATION" is the power to everything - A mind based on a goal to make use of Digital Information more secure and at the same time user-friendly. With 1.5 years of experience in the line of **Systems & Network Hardening**, along with full-time customer interactions and project planning, I seek to develop a goal centric career.

TECHNICAL SKILLS

- Handling Linux File Systems and securing the same
- Configuration of Host-based Firewalls
- Assessing open ports and securing vulnerable services like SSH, Telnet, FTP etc.
- Offensive Penetration testing & Vulnerability Analysis
- Knowledge on tools like 'Wireshark', 'Zenmap', 'Burpsuite', 'Nessus' & 'OWASP-ZAP'
- Packet Analysis (Network Image Sniffing, Malicious Sniffing)
- In depth knowledge on 'Metasploit'

CAREER SUMMARY

- **ERICSSON (EGI)**

November, 2016 – June, 2018

Projects worked on –

a. Minimum Baseline Security Standards (MBBS)

- Carried out customer Interaction and project requirement planning.
- Prepared Requirement Analysis document i.e. finding security loopholes and mitigation ways for the same.
- Prepared Development Document as well as MoP's for implementing the security solutions.
- Drafted the Customer Acceptance Test checklists
- Performed the testing/validation & Integration of prepared solutions

Integration tasks performed:

- Carried out User Account & Password Access Management (PAM Configuration)
- Configured the NFS shares
- Performed configuration of SSH, FTP, SNMP protocols.
- Defined User Specific Security Patches (Enabling/Disabling users, lockout, permissions)
- Configured File System policies (User specific file permissions, ACLs, Sticky bits, hard/soft links)
- Configured basic Database security policies (i.e. user management, password policy, access control)
- Configured client-side Apache Basic Security configurations (Directory Listing, User Restriction, Cross Site Scripting protection)
- Performed Audit Policy Management (i.e. enabling Audit logging and Archive Logging & configuration of rsyslog for remote logging)
- Performed vulnerability scans for validation of security patches created
- Checked for ISO 27001 security compliance



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a. Juniper MX Router Upgrade (SYSTEM SUPPORT)

- Performed Pre-&Post Upgrade health checks and assured system and hardware functionality
- Performed system maintenance tasks before upgrade for smooth upgradation of OS.
- Finally analysed & installed the upgrade packages.

CERTIFICATIONS & ACHIEVEMENTS

- Was a core member of the Onsite Live Server Deployment team to Victoria Island, Lagos, Nigeria and got awarded a commendation letter from the client for efficiently completing the Project before the stipulated time of delivery.
- Currently undergoing certification training in Network R&S from **CADD** Training centre
- Currently undergoing **CEH** certification from **CADD** Training centre
- Certified as RedHat Certified System Administrator (RHCSA) – October 2017 vide certification number: **170-241-756**
- Completed Mini Certification in Fundamental Linux Administration on 29th May, 2017 from CYBRARY.
- Certified as **OFFENSIVE HACKING SECURITY EXPERT (OHSE)** by Global Cybersecurity Response Team (**GCSRT**), Bangalore – 2018 vide certification number: **CSP0719047**
- AMCAT certified Content Developer.

EDUCATION & QUALIFICATIONS

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|---|--------------------------------|
| ➤ B.Tech Computer Science Engg.
KIIT University, Bhubaneswar
CGPA – 6.60 | June, 2012 – June, 2016 |
| ➤ AISSCE (CBSE 12th)
Gurukul Grammar Senior Sec School,
Guwahati
Aggregate – 70% | April, 2012 |
| ➤ AISSE (CBSE 10th)
Maria's Public School, Guwahati
CGPA – 8.3 | April 2010 |
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