NISHAT AAFREEN

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IT PROFESSIONAL – INFORMATION SECURITY MANAGEMENT

Targeting assignments in IT, Network & Application Security Management & Compliances with a reputed organisation

Profile Summary

- **M.Tech. - Information Security** offering 7 years of rich experience in Teaching & Mentoring

- Associated with **Government Polytechnic, Ranchi as Asst. Professor/Lecturer**; teaching & mentoring students using hands-on approach to help them learn & apply concepts in subject, motivating them to achieve excellent results.

- Also associated with **Awake India, RISE THE YOUTH** (A Government of India Under Ministry of Micro Small & Medium Enterprises) Organization as trainer/mentor for skill development training of technical students of Jharkhand.

- Well versed with **Vulnerability Assessment** and **Network Security** and promoting security awareness in the organisation

- Exposure in **reviewing IT security measures & safeguarding the information resources of the enterprise,** ensuring secured networks & systems and maintaining integrity & confidentiality of data

- **Team Player** with strong interpersonal, coordination, problem solving & analytical skills; resourceful in quickly grasping new technical concepts and utilizing them in an effective manner

Knowledge Purview

- Common **Network Protocols such as HTTP, DNS, DHCP, IPSec** etc., with in-depth knowledge of:

- IP/TCP/UDP and ICMP Protocols including Header Contents and Protocol Flow Concepts

- Routing Protocols - RIP, OSPF, EIGRP, NAT, PAT

- Hand-on Tools like Wireshark ,NMap, Burp Suite,Metasploit,Acunetix,OWASPZAP

- OWASP10, Firewall,IPS,IDS,VPN

Education

Workshops & Seminars:

M.Tech. - Information Security from from BIT, Mesra, Ranchi in 2016(CGPA-8.87)

B.Tech. - Electronics & Telecommunication from Jagannath Institute of Engg. & Technology College, Biju Pattnaik University, Odisha in 2009(CGPA-6.99)

CCNA Training from **IIHT** Ranchi in 2010

- International Conference on Nano Electronics Circuit & Communication Systems (NCCS- 2016) by Institute of Electronics and Telecommunication Engineers & Indian Society for VLSI Education, Ranchi
- National Workshop on Wireless Network Simulation using NS2/NS3 (WNS 2016)
- Training Program on Development of Laboratory instruction Manual by National Institute of Technical Teachers Training & Research

Summer Internship:

Title: Impact Training on Telecommunication Equipment and Network Management

Organisation: BSNL, Ranchi

Certification

CEHv10 Certificate(ECC0317269458)

Cisco Cyber Security Fundamental Course

NSE1 Associate Certificate from **Fortinet (Licence No.-Z3vOpcCKO)**

NSE2 Associate Certificate from Fortinet (Licence No.- Ur5L7iw9Kl)

CyberArk Certified Trustee version 11 (Certificate No.- 940184)

SPLUNK Fundamental Course

Technical Skills

MS Office, Network Security, OWASP 10, Vulnerability Assessment, Firewall, VPN, IPS & IDS

Organizational Experience

Since Oct'12: Government Polytechnic, Ranchi as Assistant Professor/ Lecturer
Affiliated to Jharkhand State Board of Technical Education, Ranchi and accredited by AICTE

Key Result Areas:

- *Conducting daily 3-4 classes as per set class allocation for teaching students of Diploma in Engineering*
- *Managing the lab work/ assignment work as per allocation and ensuring completion of syllabus on time*
- *Planning & conducting internal exams and sessional work for internal marking*
- *Evaluating the copy in accordance with Jharkhand State Board Technical Education (now Jharkhand Technical University) guidelines*
- *Using different course books and material for teaching; planning, collecting material and delivering lessons in class*
- *Arranging competitions and assessing the performance of the students*
- *Motivating the students towards achieving the desired academic results*
- *Guiding Projects which based on Networking & Security*

Jan'11 – Feb'12: Websoftex Technology, Bangalore as Software Tester

Key Result Areas:

- *Performed review of software requirements; contributed in preparation of test cases*
- *Pivotal in execution of tests, defects reporting and preparation of test reports*

Personal Details

Date of Birth: 19th January 1985

Languages Known: English and Hindi

Permanent Address: Ranchi, Jharkhand