

U.DEBASIS RAO

CYBER SECURITY EXPERT | CGEH | CERTIFIED
CISCO CYBEROPS EXPERT | AI &
MACHINELEARNING EXPERT
| SOURCE CODE REVIEW ANALYST

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In quest of taking a challenging role in my field of Cyber Security to explore the creativity and the possibility to understand the requirements of a well-established organization as our clientele to minimize the Information Security risks, threats and maximizing client delight.

PROFESSIONAL EXPERIENCE:

**GLOBAL TECH PROMOTERS,
Cyber Security Expert**

Bhubaneswar

www.globaltechpromoters.com

(SEPTEMBER 2018 – CONTINUING)

- Maintain Web Servers by implementing security updates; Mod Security, DDOS Deflate, Rootkit Hunter, IPS, IDS Evasion Techniques
- Vulnerability Assessment and Penetration Testing
- Mobile App Penetration Testing & Cloud Security
- Implementation of SIEM tools, IBM Qradar, CyberArk, ManageEngine, Logrhythm
- Network Security : Firewall, Honeypot Implementation, IDS, IPS, DDOS Prevention

PROJECTS:

- **CEVA Ltd.**
Working with team, and managing the First Bank of Nigeria and Union Bank of Nigeria Security Assessment Team with GTP Red Team, Managing Security Assessment, Stress Testing, Load Testing along with Source Code Review. I also working with the team on PCI DSS and PA DSS Assessment.
- **Adhikar Microfinance Pvt. Ltd.**
Audit and manage to concern for the Information Security Management System along with Scope Reports, Implementation & Training. Worked on the ISO 27001 and security compliance with my team and audited properly through the gap assessment .
- **Created a social media webapp using wordpress.**
The social media website is done be wordpress for our collage,to know the friends in a batter way.

- **Created messenger using kaolin**

created a messenger with the help of katollen i.e. a library of python for developing new android application with smart widgets so that it is easy and modern way to develop new android application.

- **WORKED AT DRDO AS CYBERSECURITY TEAM**

As a cybersecurity expert at Global tech promoters I have done data recovery at Defense Research and Development org. As a data recovery scientist. We successfully recover data from NAS servers by solving RAID problems.

- **Web Development using Django And flask Freamwork**

Developed various interactive websites using flask and Django framework of python,which a modern way and easy with time effective way to build a website.It also supports the secure website life cycle.

- **Detection Diabetic rationopathy by deep learning**

created a Deep learning algorithm for detection diabetic rationopathy,and leveling of diabetes by using keras,tensor-flow and theano,which help us to prevent ourself from ratinat blindness and help us without using expensive gadgets.

- **Skin Disease detection by CNN**

By using convolutional neural network trying to build a model to detect skin disease by tensorflow and theano. And use the Opencv to detect the defective skin objects so that i can give the input to the neural network.

- **Created my own voice assistance**

i prepared this model by using neutral language processing of machine learning which can able to perform all the task in windows, just as like the cotana.

- **Created my own Instagram bot to get more followers**

I have created a module that can perform auto follow Auto like,Auto follow the followers of a user,and canLike by hashtags and scrolling down. It can perform Maintaining the Instagram just like a human and generat Traffic just like a human so that Instagram can't ban the bot.

- **Created a prototype to extract content from any files**

EDUCATION QUALIFICATION:

- **MCS(cyber security)**
GIIS, BBSR
2016-2018
- **B.Tech (Electronics communication Eng.)**
Gandhi Institute for Technological Advancement,BBSR
2016-2020
- **Intermediate (CHSE) Naidu +2 Science Collage,BBSR**
2014-2016
- **Secondary Education(HSE)**
S.S.V.M,BBSR

CERTIFICATION:

- Cisco Cyberops Expert
- Certified Global Ethical Hacker From GIIS in association with AGTP
- Cisco Networking Academy Cyber security Essentials
- Cisco Networking Academy® Introduction to Packet Tracer
- Artificial Intelligence And Machine Learning

TECHNICAL PROFICIENCIES:

- **OS:** Windows, Linux ,MS-DOS,Arch
- **Unix Systems:** Cent OS, Ubuntu, SUSE Linux
- **Networking:** LANs, WANs, VPNs, Routers, Firewalls, TCP/IP, SOCKS
- **Security OS:** Kali Linux, Backtrack ,Parrot OS , Black Arch
- **Web Server:** Apache, IIS, Tomcat
- **Cloud Server:** Amazon AWS, Microsoft Azure, Google Cloud Engine
- **Language Known:** C, C++, C#, Java, Ruby on Rails, Python, R
- **Web Languages :** HTML, CSS, JS, Bootstrap, PHP
- **Database :** MySQL, PostgreSQL, MsSQL, MSAccess, MongoDB
- **Pentest Methodologies:** OWASP Top 10, SANS 25, NCCICI, OSSART, CERT-In
- **Testing Methodologies:** SQL Injection, XSS, CSRF, SSRF, CMS Exploitation, Clickjacking , HTML Injection, FPD, Domain Cross Over, HTTP Parameter Pollution, Session Hijacking, MITM Attack, SSL Exploitation, Broken Authentication, LFI, RFI, RCE, Manual Testing, DDOS Attack, Stress Testing, Load Testing, Performance Testing
- **Security Tools:** IBM App Scan, NMAP, Acunetix, Armitage, Vega, BurpSuite, SQLmap, SQL Ninja, Veil3, Metasploit, The Harvester, Dark-NMAP, Angry IP-Scanner, Etherap, Websploit, Xerosploit, Nessus, NGrok, Uniscan, KFSensor, Nikto, Metagofil, Nexpose, NSTalker, WP-Scan, Hydra, Cain & Abel, Wireshark, OWASP ZAP, SSIM
- **Security Audit:** ISO 27001 , PCI DSS, PA DSS
- **Firewall:** Sonicwall, CISCO ASA 5550, Juniper
- **SIEM:** Splunk, Qradar, Archsight, ManageEngine, CyberArk, Logrhythm
- **Reverse Engineering & Malware Analysis Tools:**
ollydbg, immunity debugger, IDA PRO, windbg
- **Mobile App Penetration Testing Tools :** Micro Focus , Santoku, Genymotion
- **Documentation:** MS Office, Nitro PDF, Libre Office, Photoshop, Illustrator

RECENT RESEARCH PROJECT HIGHLIGHTS

- **Information Security Maturity Assessment:** Key player in the infosec maturity assessment project by conducting web and network VAPT and infrastructure gap analysis.
- **Implementation of Triple DES by using C# :** Developed the Cryptographic API Platform with 3DES by using C# with the smallest Code ever used
- **Web and Mobile Space Security Assessment:** Protected various platform based web applications and Android based mobile applications for several corporate clients in the private sectors.
- **DDOS Prevention Management:** Monitored intrinsic security capabilities of intelligent traffic management and successfully implemented Security Add-ons to prevent from DDOS.
- **Firewall and Network Log Management:** Log monitoring & reporting activity of network infrastructure.

STRENGTHS:

- Punctual and Reliable
- Quick Learner
- Planning and organizing
- Team Work & Collaboration
- Stress tolerance
- Self-Management and Initiative
- Excellent Problem solving and decision making capability

INTERESTS:

- Gyming, boxing
- Social Service
- Playing Computer & Mobile Games
- IOT, Cyber Forensics
- Graphics & Web Designing
- Collecting Computer Software's
- Surfing Internet
- Cloud Security & Data Analysis
- Working with Different Distribution of Linux
- Collecting new movies

DECLARATION:

I hereby declare that all my statements made in this application are true and complete to the best of my knowledge and belief.

Date: __/__/__

Place:

U. DEBASISH RAO