ABHISHEK REDDY RAMESH REDDY

Date of birth: 16/09/2003 | **Nationality:** Indian | **Gender:** Male | **Phone number:** (+91) 7349312055 (Mobile) |

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ABOUT ME

A fervent cybersecurity aficionado, Certified Ethical Hacker and Network defender with bachelor's degree in Cybersecurity. My expertise spans Penetration testing, Network administration and Cloud Security. With a strong academic background and hands-on experience, I am dedicated to safeguarding digital landscapes. I thrive on continuous learning and staying ahead of cybersecurity advancements. Energetic and hardworking, I am eager to embrace new challenges and contribute to innovative security solutions.

WORK EXPERIENCE

09/2023 – 10/2023
INTERNSHIP - PENETRATION TESTING HACKERSFORYOU

- Conducted vulnerability assessments and penetration tests on web applications, network infrastructure and android.
- Mastered tools like Burp Suite, Metasploit, Nmap to access and analyze target systems.
- Successfully identified and reported an high security Vuln in web application.
- Performed automated security testing and worked in configuration of security testing with custom scripts

Website https://hackersforyou.com/

Link https://drive.google.com/file/d/1GjXpl21Hsv0Z9FQQgp5oE3Yr0UhBhN_K/view?usp=sharing

12/2022 – 02/2023
INTERNSHIP - CYBERSECURITY & DIGITAL FORENSICS CYBERSECURED INDIA

- Solving intermediate and advance rooms in Tryhackme and documenting the weekly report.
- Developing plans for risk assessment and mitigating security incidents and breaches by analyzing chain of custody.
- Implementing Access control and firewalls, working on data preservation techniques.
- Investigating and analyzing malware behavior, purpose and impacts.

Website https://cybersecuredindia.com/

Link https://drive.google.com/file/d/14_DwhQ2mt-zy0IYWS2MANEFFTK5Li21F/view?usp=sharing

09/2022 – 11/2022
INTERNSHIP - INFORMATION SECURITY ADMINISTRATOR VIRTUALLY TESTING FOUNDATION

- Improving co-curricular knowledge to build network and business etiquettes by conducting awareness training session.
- Performing security practices on permitted targets and creating security documentation, including reports and policies.
- Assisting in security research and analysis, Getting familiar with tools and technologies.

Website https://vt.foundation/

Link https://drive.google.com/file/d/13VTQOWd0al31MuP1ZZUuk1pEWJh4G0t3/view?usp=sharing

EDUCATION AND TRAINING

08/2021 – 05/2024 Bangalore, India
BACHELOR OF COMPUTER APPLICATION Jain (Deemed-to-be)University

Website https://scsit.jainuniversity.ac.in/ | **Field of study** Cybersecurity | **Final grade** 1.4 German GPA

07/2019 – 07/2021 Anekal, India
PRE UNIVERSITY EDUCATION (12TH) Vishwachethana PU College

Website http://vcpdc.org/ | **Field of study** Physics, Chemistry, Maths | **Final grade** 83.8

LANGUAGE SKILLS

Other language(s):

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken production	Spoken interaction	
ENGLISH	C2	C1	C1	B2	B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

DIGITAL SKILLS

Programming & Fundamental skills

Java | Python (Scripting and Automation) | C++ | DBMS | Software Engineering | Networking | Bash/ Shell Scripting (Linux)

IT Operations

IT Security | ITIL Framework | Troubleshooting | Incident Response | Virtualization

Technical Security skills

Vulnerability testing | Application security | Encryption and Cryptography | Penetration Testing

Security Management skills

Risk Assessment & Risk Management | Incident Handling | Security Policies | Cloud Security | Configuration Management | Threat Intelligence | Security Audit

Digital Forensics Skills

Chain of Custody | Data Recovery | Memory forensics | Data Preservation | File System Analysis

Network VAPT

Network Vulnerability Assessments | Network Administration | Network Maintenance and Troubleshooting | Network exploitation

Productive Tools

Resource Management | Google workspace | Microsoft office | LaTeX (very good) | Team Communications

Soft skills

Analytical | Result-Oriented | Problem Solving | Ethical Judgement | Adaptability

PUBLICATIONS

2023
API BASED NETWORK SCANNING

This paper provides solution to improve the stability and overall usability of a system that involves network vulnerability scanning, this paper involves a efficient resource managing utility over a virtual client to achieve this goal.

Mapana | ISBN: 978-93-95830-43-0

2022
AI BASED ENUMERATION AND EXPLOIT SUGGESTER

Delivered an conference paper outlining how artificial intelligence is incorporated into vulnerability assessment systems capable of autonomously gathering and identifying the most effective exploits and vulnerabilities.

Paper ID: JETIRFM06037, Volume 9 Issue 6 June-2022 eISSN: 2349-5162

PROJECTS

2023
HACKBOT

- An AI-powered cybersecurity chatbot utilizing Meta-LLama2 for providing accurate and coherent responses to cybersecurity-related queries, aiding security researchers and ethical hackers.
- Implemented dual deployment support (RunPod and local) for HackBot, enabling flexible AI-powered cybersecurity analysis and interactive user engagement through a command-line interface.

Link https://github.com/lordprime/HackBot

2023
API Based NMAP

- Web-based NMAP implementation with API is a super combination of a powerful tool that uses python-Nmap, and Flask framework to perform scans.
- Available in different versions such as community, and enterprise.
- Customizable profiles according to the scan modules and optimized dashboard that helps in monitoring scans

Link https://github.com/lordprime/Nmap-API

CERTIFICATION AND BADGES

IBM Cybersecurity Analyst Professional Certificate

Link https://www.credly.com/badges/c203c970-c22e-4064-a3fa-373429333b04/public_url

CEH v12

Link https://drive.google.com/file/d/1LgpuNJ-kaOCza9x7ap-FdsqFDvQTyffM/view

CND v2 - EC COUNCIL

Link https://drive.google.com/drive/folders/1gnJNbXBhDRUBK7-1Do231jkG_ocSl-vV?usp=sharing