Dhayanithi Ramaraj ~Cyber Security Professional

🌐 Sheffield UK || ☎ +447776361081 || ✉ dhayanithiramaraju@gmail.com || 𝗶𝗻 LinkedIn

CYBER SECURITY PROFESSIONAL – SOC MEMBER + WEB ATTACK INVESTIGATOR

Skillset in: **Cybersecurity Tools and Techniques || Network Security || Threat Analysis and Detection || Web Application support || Programming and Scripting || Application Monitoring Tools || Customer Communication || Ethical Hacking and Penetration Testing**

Result-driven IT security professional understanding of security protocols, risk management, and threat mitigation. Experienced in safeguarding systems, networks, and data against security breaches through proactive and reactive measures, implementing robust security solutions, conducting vulnerability assessments, and responding to incidents swiftly to minimize impact. Skillset in developing strong analytical mindset and documenting SOPs for identification, remediation, containment, and eradication of threats targeting users and company infrastructure.

Languages	SQL, Python, Java, Go, PowerShell
Databases	MySQL, Oracle DB
Web Development	HTML, CSS, JavaScript
Software Tools	VS Code, GitHub, MongoDB, Microsoft Azure ,AWS
Data Analysis & Visualization	Python, Tableau, Microsoft Excel, PowerBI
Cybersecurity Tools	Kali Linux, Nmap, Nikto, Splunk, LogRhythm, Metasploit, Wireshark, John the Ripper, SIEM, Storm Breaker

❑ WORK EXPERIENCE

Cybersecurity and Ethical Hacking Internship ► Edureka---(Jan. 2024 - Present)

- **Core Cybersecurity Skills Development:** Progressed through **15**+ comprehensive modules covering Domain Management, SSL Certificates, and Security, Vulnerability Mangement , Linux and Windows Server Operating Systems and Ethical Hacking Techniques .
  - ☑ Completed 20+ practical exercises, including IDS/IPS configuration and management, SIEM implementation and analysis.
- **Tools and Frameworks Proficiency:** Engaged with **10**+ industry-standard tools such as Kali Linux, Burp Suite, OWASP, CSPM tools and Recon-ng to simulate real-world cyber-attacks and defences along with proficient in investigating/troubleshooting IT Server Infrastructure related incidents .
  - ☑ Demonstrated proficiency in implementing key frameworks: Mitre Att&CK, NIST and ITIL processes for threat analysis and detection.
- **Hands-On Project Experience:** Crafted an industry-grade project involving penetration testing on an E-Commerce website, utilizing Kali Linux, Burp Suite, and Recon-ng to discover **5** hidden flags and **10** vulnerabilities .
- **Cloud Security:** Developed understanding and skills in **Microsoft Azure Cloud Hosting**, including best practices for securing cloud environments. Familiarized with the security features of 3 major cloud service providers and Web Application Firewalls..
- **Digital Forensics and Future Certifications:** Developed skills in digital forensics, contributing to a well-rounded understanding of cybersecurity, and certified in Cybersecurity and Ethical Hacking. Knowledgeable in LAMP based applicationsand Software Development / Deployment pipelines .

Data Analyst Intern ► Capgemini-- (Feb. 2022 – Apr. 2022)

- **Project Contributions:** Contributed to **5**+ data visualization projects and conducted exploratory data analysis on datasets exceeding 1 million records. Collaborated with **4**+ cross-functional teams to define project scopes and deliver actionable insights.
- **Data Manipulation and Analysis:** Utilized Python, R, and SQL to manipulate and analyze data, achieving a **20%** improvement in processing efficiency & extracting meaningful insights and trends from large datasets, enhancing data-driven decision-making processes and problem solving.
- **Dashboard and Report Creation:** Created 10+ visually compelling dashboards and reports using Tableau and Power BI for stakeholders.

❑ EDUCATION

- **M.Sc. in Psychology and Education (Conversion)** @ University of Sheffield UK || **2:1 Ontrack** ► (2023 - Present)
- **B . Tech. Computer Science Engineering** @ National Institute of Technology Puducherry || **First Class** ► (2018 - 2022)

Internship Program: Cyber Security And Ethical Hacking Internship Program | Jun. 2024

Certification: AWS Cloud Practitioner Essentials || Google Cybersecurity Certificate || Alison Penetration Testing Engineer Certificate || Pirple Cyber Security: White-Hat Ethical-Hacking Certificate || Green Digital Skills Certificate.

International Conference: Analyzed image efficiency using Fourier transforms, including the Cooley-Tukey algorithm. || international conference by SKIT Jaipur and a Turkish university || **Tools Used:** Python, MongoDB, Ramanujan's methods

❑ PROJECTS HANDLED

Malware Creation Project:
- Developed malware using FatRat, Metasploitable, and Veil.
- Implemented techniques to bypass antivirus detection.
- Experimented with phishing, USB drops, and network attacks.
- Designed malware with high evasion rates, effective on Metasploitable.

Keylogger Backdoor Project:
- Performed a Python-based keylogger.
- Combined with a backdoor using Netcat and Metasploit.
- Deployed and tested for stealth and functionality.
- Captured keystrokes and maintained remote access.

Website Information Gathering:
- Tools Used: Nmap, Nikto, Recon-ng.
- Nmap: Identified open ports and services.
- Nikto: Scanned for web server vulnerabilities.
- Recon-ng: Gathered additional website information.

Brute Forcing Travel Website:
- **Hydra:** Used for brute force attacks on login page.
- Tried various username and password combinations.
- Identified weak accounts and provided security improvement recommendations.

❑ VOLUNTARY EXPERIENCE

Gambling Awareness ► The University of Sheffield and Sheffield Minds   Oct. 2023 – May 202

Organized workshops to raise gambling addiction awareness and promote mental health support for students.

Volunteering Teacher ► National Institute of Technology, Puducherry   Aug. 2019 – Mar. 2022

Coordinated LEAP program, mobilized volunteers, taught Physics & Computer Science, **8 out of 20** students secured prestigious placements.