AKSHAY KRISHNA K

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EDUCATION

Bachelors: Information Security And Digital Forensics   01/07/2021 - 01/05/2024

Collage: Karunya Institute of Technology and Sciences (Deemed University)

- Completed a Bachelor of Science in Cyber Security, gaining comprehensive knowledge in network security, ethical hacking, and digital forensics.
- Acquired practical skills in identifying vulnerabilities, securing systems, and mitigating cyber threats.
- Conducted hands-on projects, including malware analysis and penetration testing, to apply theoretical concepts to real-world scenarios.
- Gained a strong foundation in cybersecurity tools, protocols, and compliance standards essential for protecting digital environments.

CICSA: Certified IT Infrastructure and Cyber SOC Analyst   29/07/2024 - 16/12/2024

Institution: RedTeam Hacker Academy Thrissur

- Completed a CICSA with practical training in network and port scanning to identify vulnerabilities in systems.
- Gained hands-on experience in exploiting machines and performing penetration testing to simulate real-world attack scenarios.
- Developed skills in vulnerability scanning and report writing to effectively document findings and recommend remediation strategies.
- Acquired knowledge of Security Operations Center (SOC) operations and methodologies for monitoring and responding to cyber threats.

CERTIFICATIONS

Certified SOC Analyst by EC-Council
Certified IT Infrastructure and Cyber SOC Analyst
Google Cybersecurity Professional Certification
Fortinet NSE 1 Network Security Associate

PROJECTS

Project: Developed a website that can detect malware
Source: akshaykrishnak.github.io/portfolio/codeguard.html
Platforms and Technology Used: Python, Django framework and API

Project: Developed an application for searching and donating blood, enhancing community support and accessibility, for SFI Malappuram.
Source: akshaykrishnak.github.io/portfolio/codeguard.html
Platforms and Technology Used: Android, FireBase, Airtable and Onesignal

EXPERIENCE

Company: Cyber Crime Police Station Kerala   01/06/2023 - 01/07/2023

Title: Cyber Security Associate (Intern)

- Conducted system vulnerability assessments and assisted in securing local systems against potential cyber threats.
- Conducted an awareness session for non-technical staff on hacking techniques and preventive measures.
- Collaborated with the cybercrime police team to identify and mitigate cybersecurity risks within the local jurisdiction
- Gained hands-on experience in using forensic tools(I9 software and CDR) and techniques to extract and analyse data for legal proceedings
- Gained knowledge of the operations and procedures of the Kerala Police Cyber Crime Division.

Company: Accent Techno soft (ATS)   02/02/2024 - 05/05/2024

Title: Developer intern

- Developed a web-based application capable of scanning files to detect potential malware, as part of a final-year cybersecurity project.
- Utilised Django Framework, python and API to implement file analysis and malware detection functionalities.
- Collaborated with Accent Techno soft (ATS) to design and test the project in a real-world scenario
- Demonstrated practical skills in cybersecurity, web development, and malware identification through the successful completion of the project.

SEMINAR AND ACTIVITIES

Hacking Expo: Cybershield 3.0

Collaborated with: Redteam Hacker Academy Thrissur and Kerala Police

Location: Government Engineering collage Thrissur, Elims college Thrissur

- Organized and conducted a hacking awareness expo, educating participants on real-world cybersecurity threats and defence strategies.
- Demonstrated the capabilities and ethical usage of tools like Flipper Zero and Rubber Ducky for understanding system vulnerabilities.
- Provided insights into phishing techniques and preventive measures to protect against social engineering attacks.
- Explained practical methods to identify if a system is compromised and offered steps to secure it effectively.

LANGUAGES

- English   - Full Professional Proficiency)
- Hindi   - Limited Working Proficiency
- Malayalam - Native or Bilingual Proficiency
- Tamil   - Elementary Proficiency

SKILLS AND TECHNOLOGIES

- NMAP
- KALI LINUX
- BRUTEFORCE
- NETWORKING

- SIEM
- SPLUNK
- BURPSUITE
- MICROSOFT OFFICE SUITE

- METASPLOIT
- WIRESHARK
- VM
- FIREWALL

EXTRACURRICULAR ACTIVITIES

- Little Kits (Team Lead)
- National Service Scheme(NSS) -Team Lead
- Rotaract Club
- Collage CTF Team

REFERENCE

- Dr . I Xavier - Karunya Deemed to be University, Coimbatore, Tamilnadu - 641114
  Assistant professor, Department of Digital Sciences
  xavier@karunya.edu
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- Mr Rinto M Prince - RedTeam Hacker Academy, Thrissur, Kerala -680004
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