Abdullah Mehtab

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○ Abdullah-Mehtab (GitHub)

Profile

Computer Science undergrad with a minor in Mathematics, boasting a 3.94 CGPA and Vice Rector's Honor List recognition. Proficient in multiple programming languages and skilled in cybersecurity, AI/ML, IoT, and web development, I excel at tackling complex challenges with optimal solutions. Experienced in **threat analysis, penetration testing, and security monitoring**, with expertise in **network scanning, vulnerability research, and technical writing**. Hands-on experience with **Kali Linux, Metasploit, Nmap**, and Wazuh/ELK Stack. Passionate about identifying security threats and mitigating vulnerabilities through **data-driven research and intelligence gathering.**

Education

Bachelorette in Computer Science | Minor in Mathematics   2021/03 – present
Forman Christian College (A Chartered University)   Lahore
    CGPA: 3.94 (*5x Vice Rector's Honor List*)

Professional Experience

Activities Coodinator of Forman Ignite 2k24
ACM, IEEE, GDSC, OmniLife (FCCU)
2024/03
- A Collaboration of all CS Societies in FCCU for a Major event like FAST's Softech.

Remote Project Manager
Freelancing
2023/03 – 2025/01
- Research on given topics
- Documentation (Report Writing)
- Communicating with team

Teacher Assistant
Forman Christian College (A Chartered University)
2023/09 – present
- Keep track of student information using Excel
- Hold viva sessions for quizzes, labs, and assignments
- Lead weekly lab sessions for different courses.

Developer ServiceNow
Rizviz International Impex
2024/09 – 2024/10
- Communicating with foreign clients
- ITS Module (Client Specific Modules)

Skills & Expertise

Threat Intelligence & Security Analysis — Vulnerability Detection | Penetration Testing | Malware Analysis

Scanning — Nmap | Nessus

Languages — Python, C/C++, Java, Assembly, JavaScript, Bash

Cybersecurity Tools & Techniques — Kali Linux | Metasploit | BEef | Nmap | Nessus | Wireshark

Technical Writing & Documentation — Report Writing | Threat Analysis Reports | Security Incident documentation.

Additional — Project Management | Team collaboration | Security Based Research | Data Structures | Version Control

Projects

Cyber Sentinel - Security Monitoring System on Raspberry Pi ⧉   2024/11 – present
Final Year Project
- Use Wazuh/ELK Stack frameworks for monitoring devices
- Detect Security (System/Network) Alerts on end-points
- Send Email Alerts for critical security events
- Visual Data Representation through Kibana and GUI
- Custom Installer for the complete system

Smart LED On-Time Monitoring System (ESP32, G-Sheets, WebApp)   2024/12
- A Complete IoT Device simulation by controlling LEDs (or any devices) through WebApp.
- Log data for these devices on GoogleSheets. (On/Off, Duration)
- User Friendly WebApp to find specific On-time for any device between a time range.

Pentesting Home Lab   2024/08 – present
Personal Project
- Set up virtualized lab using VirtualBox with Kali as attack, and multiple victim machines (Metasploitable 2 & 3, Ubuntu Server, Windows 10).
- Simulate real-world attack scenarios, including aggresive network reconnaissance, bruteforce login attempts, privilege escalation, and post-exploitation techniques.
- Implemented offensive security testing using Metasploit Framework and Nmap for vulnerability analysis and exploitation.