

# MOHAMMED AFNAAN AHMED

Warangal, India • afnaan2180@gmail.com • www.afnaan.me

## EDUCATION

### Balaji Institute of Technology & Science

Bachelor of technology - Computer Science and Engineering

### Meluha Junior College

Intermediate – MPC

## INDUSTRY

### ISC2 Certified in Cybersecurity (CC) - valid until January 2028

## CERTIFICATION

Validates fundamental knowledge in Security Principles, Business Continuity, Disaster Recovery, Incident Response, Access Control concepts, Network Security and Security Operations.

## EXPERIENCE

### The Red Users, Remote/India

11/2024 to 12/2024

#### Cyber Security Intern

- Network Security testing using tools like Wireshark.
- Web Application Security Testing using Owasp Zap and Webgoat.

### Coding Raja Technologies, Remote/India

02/2024 to 04/2024

#### Web Development Intern

- Developed a resume builder and a music player app.

### Devskillhub training and consultancy, Remote/India

01/2024 to 03/2024

#### Frontend Development Intern

- Led a team of 9 individuals during a 2-month internship.
- Gained experience in team coordination, leadership, and project management.

### Cognifyz Technologies, Remote/India

12/2023 to 01/2024

#### Web Development Intern

- Built a landing page for Cognifyz Technologies using HTML, CSS, and JavaScript.

### Internshala Trainings, Remote/India

05/2022 to 06/2022

#### Ethical Hacking Training

- Performed VAPT on a vulnerable e-commerce web application.

## PROJECTS

### Project Overhaul

09/2023 to Present

- Python-based CLI tool that integrates essential penetration testing utilities into a unified interface.
- Includes tools like: Nmap, Netcat, Gobuster, Amass, Metasploit, Sqlmap, Hashcat, John.

GitHub Repo: <https://github.com/afnaan-ahmed/project-overhaul/>

### Nmap Payload Generator

09/2023 to 09/2023

- A Python script that simplifies Nmap command creation through an interactive CLI.

Github Repo: <https://github.com/afnaan-ahmed/nmap-payload-generator/>

### BadUSB - HID Keyboard Attack Simulation

01/2025 to 01/2025

- Used Raspberry Pi Pico with CircuitPython and adafruit\_hid library to simulate keyboard presses and demonstrate HID-based attack techniques.

Github Repo: <https://github.com/afnaan-ahmed/raspberry-pi-pico-hid-attack/>

## Portfolio Website

04/2024 to Present

- Designed and developed a secure personal website to showcase my skills, projects, and professional profile.
- Handwritten static website with virtually zero attack surface.

Project link: <https://www.afnaan.me/>

## SKILLS

**Operating Systems:** Linux (Kali, Mint, Debian, Ubuntu), Windows (XP,7,8,10,11)

**Software:** Nmap, Burp suite, Metasploit, Wireshark, SQLmap, Hashcat, VMware Workstation

**Languages:** Python, C, HTML, CSS, JavaScript, MySQL

**Foundation:** Networking, Web Technologies, Operating Systems, Computer Architecture, DBMS

## COURSES

- Ethical Hacking Essentials (**EHE**) - EC Council
- Practical Ethical Hacking (**PEH**) - TCM Security
- Practical Web Application Security and Testing (**PWST**) - TCM Security
- External Pentest Playbook - TCM Security
- Open-Source Intelligence (**OSINT**) Fundamentals - TCM Security
- Introduction to Cybersecurity - Cisco Netacad
- Practical Cybersecurity for IT Professionals – LinkedIn
- Career Essentials in Cybersecurity - Microsoft
- Cybersecurity Foundations – LinkedIn

## HOBBIES

- IOT
- Web Development
- CTFs
- Chess

## PERSONAL DETAILS

**Name:** Mohammed Afnaan Ahmed

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**E-Mail Address:** afnaan2180@gmail.com

**Marital Status:** Single

**Languages:** English, Hindi & Telugu

**Nationality:** Indian