

# FAROOQ HASSIAN

Hyderabad, Telangana

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## EDUCATION

**Hyderabad Institute of Technology and Management (HITAM)**  
*B.tech CyberSecurity - CGPA - 8.44 (Branch Topper)*

2021 – 2025

Hyderabad, Telangana

**Kendriya Vidyalaya Bolarum**

*Senior Secondary CBSE- Percentage - 82.8%*

2019 – 2021

Hyderabad, Telangana

**Kendriya Vidyalaya Bolarum**

*Secondary CBSE- Percentage - 78.2%*

2019

Hyderabad, Telangana

## PROJECTS

**Hack-Box** | Python, Bash

2025

- *Hack-box*, a modular command-line cybersecurity toolkit in Python that integrates reconnaissance, scanning, and information-gathering tools for ethical hacking on Kali Linux.
- Designed a lightweight, extensible framework with automated execution and real-time results, streamlining penetration testing workflows for cybersecurity learners and professionals.

**Password House** | Python, Bash

2024

- *Password House*, a secure and efficient command-line-based password management tool tailored for Kali Linux environments.
- The project focused on enhancing password security through advanced encryption, secure storage, and usability features.

**Patient Health Monitoring System** | Arduino, HTML, CSS

2023

- An IoT-based Patient Health Monitoring System using ESP32 to track real-time health parameters, including body temperature, heart rate, SpO2, room temperature, and humidity, using sensors like MAX30100, DHT11, and DS18B20.
- Designed a Wi-Fi-enabled web interface to display collected health data, enabling seamless real-time monitoring and improved accessibility.

## INTERNSHIPS

**DigiQuanta**

09 2024 – Current

*Security Intern*

Hyderabad, Telangana

- \* Conducted log analysis, performed vulnerability assessments using Burp Suite, and executed network scans to identify and mitigate security risks.
- \* I worked on detecting system vulnerabilities, ensuring compliance with security policies, and providing actionable recommendations to enhance overall system security.

**Indian Institutes of Information Technology, Hyderabad**

12 2023 – 02 2024

*IOT Trainee*

Hyderabad, Telangana

- \* Interned at IIIT Hyderabad, learning IoT fundamentals, including oneM2M architecture and data visualization using ThingSpeak.
- \* Worked on Arduino programming to integrate sensors, enable device communication, and process real-time data for IoT applications.

## TECHNICAL SKILLS

**Course work:** Ethical Hacking , Cryptography & Network Security, Cyber Security, Computer Networks.

**Programming Languages:** Python, Java, C, HTML, CSS, SQL.

**Developer Tools:** VS Code, Arduino, Nmap, Burpsuite, Wireshark.

**Technologies/Frameworks:** Linux, GitHub, OWASP ZAP, Git, Metasploit.

## CERTIFICATIONS

- Cyber Security and Ethical Hacking by Rinex in association with Cognizance and IIT Roorkee
- Full-Stack Web Development by Swecha Telanagana
- CCNA 200-301 Network Fundamentals Online by Simpli Learn

## **EXTRACURRICULAR**

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<b>College Basketball Team</b>	<b>08 2022 – Current</b>
<i>Captain</i>	<i>HITAM</i>
* Led the college basketball team, fostering teamwork and strategizing game plans for intercollegiate tournaments.	
* Organized practice sessions and motivated players to achieve peak performance.	
<b>Student Self Governance (SSG)</b>	<b>09 2023 – 06 2024</b>
<i>Head of Department, Cyber Security</i>	<i>HITAM</i>
* Led the Cyber Security department within SSG, overseeing the organization of workshops, managing teams, and promoting cybersecurity awareness across the institution.	
* Initiated efforts to improve digital safety practices and instilled a culture of proactive security.	
<b>Student Self Governance (SSG)</b>	<b>11 2022– 09 2023</b>
<i>Coordinator, Cyber Security</i>	<i>HITAM</i>
* Coordinated cybersecurity initiatives within the SSG committee, organizing workshops and events to raise awareness about digital security practices.	
* Supported team management and contributed to fostering a secure campus environment.	