

# FAROOQ HASSIAN

Hyderabad, Telangana

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## EDUCATION

Hyderabad Institute of Technology and Management (HITAM)

2021 – 2025

*B.tech CyberSecurity - CGPA - 8.44 (Branch Topper)*

Hyderabad, Telangana

Kendriya Vidyalaya Bolarum

2019 – 2021

*Senior Secondary CBSE- Percentage - 82.8%*

Hyderabad, Telangana

Kendriya Vidyalaya Bolarum

2019

*Secondary CBSE- Percentage - 78.2%*

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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### College Basketball Team

08 2022 – Current

*Captain*

HITAM

- \* Led the college basketball team, fostering teamwork and strategizing game plans for intercollegiate tournaments.
- \* Organized practice sessions and motivated players to achieve peak performance.

### Student Self Governance (SSG)

09 2023 – 06 2024

*Head of Department, Cyber Security*

HITAM

- \* 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.

### Student Self Governance (SSG)

11 2022– 09 2023

*Coordinator, Cyber Security*

HITAM

- \* 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.