

# FAROOQ HASSIAN

Hyderabad, Telangana

☎ +91-9493706902

✉ [farooqhassain11@gmail.com](mailto:farooqhassain11@gmail.com)

in [farooq-hassian](#)

🌐 [farooq-hassain](#)

## EDUCATION

Hyderabad Institute of Technology and Management (HITAM)

2021 – 2025

*B.tech CyberSecurity - CGPA - 8.59*

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

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.

HandCricket Game | C

2022

- Developed a console-based gaming application consisting of two games: Hand Cricket and Tic-Tac-Toe.
- Designed for interactive gameplay between users and the computer (or another player), focusing on implementing core gaming logic and user engagement.

## 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

<b>College Basketball Team</b> <i>Captain</i>	<b>08 2022 – Current</b> <i>HITAM</i>
<ul style="list-style-type: none"><li>• Led the college basketball team, fostering teamwork and strategizing game plans for intercollegiate tournaments.</li><li>• Organized practice sessions and motivated players to achieve peak performance.</li></ul>	

<b>Student Self Governance (SSG)</b> <i>Head of Department, Cyber Security</i>	<b>09 2023 – 06 2024</b> <i>HITAM</i>
<ul style="list-style-type: none"><li>• Led the Cyber Security department within SSG, overseeing the organization of workshops, managing teams, and promoting cybersecurity awareness across the institution.</li><li>• Initiated efforts to improve digital safety practices and instilled a culture of proactive security.</li></ul>	

<b>Student Self Governance (SSG)</b> <i>Coordinator, Cyber Security</i>	<b>11 2022– 09 2023</b> <i>HITAM</i>
<ul style="list-style-type: none"><li>• Coordinated cybersecurity initiatives within the SSG committee, organizing workshops and events to raise awareness about digital security practices.</li><li>• Supported team management and contributed to fostering a secure campus environment.</li></ul>	