

AHMED AZAAN KHAN

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Education

Vellore Institute of Technology, Bhopal

2022 – 2026

*Bachelors in Technology (B.Tech.): Computer Science and Engineering
(Specialization in Cyber Security and Digital Forensics)*

CGPA – 8.20/10

Central Academy Senior Secondary School

2020

12th Standard: CBSE Board

80.8 %

Central Academy Senior Secondary School

2018

10th Standard: CBSE Board

89.6 %

Technical Skills

1. **Programming Languages:** C++.
2. **Data Structures & Algorithms**
3. **Skills/Technologies:** HTML, CSS, JavaScript
4. **MERN Stack**

Projects

Malware Analysis | *Linux, Sandbox*

AUGUST 23-OCTOBER 23

1. Executed a malware sample in an isolated sandbox environment.
2. Performed Dynamic and Static analysis of the malware sample in isolated environment
3. Monitored changes in registry files.
4. Successfully captured attempt by malware to connect to an external source using N-map.
5. Monitored attempts by malware sample to delete folders.
6. Successfully monitored changes in data registries and files.
7. Various other functions of malware like keystroke capturing were also found.

PureUp | **HTML5, CSS, JAVASCRIPT AND REACTJS**

AUGUST 24-MARCH 25

1. A website that contributes to improve indoor air quality by suggesting plants that can purify air inside homes by 30%
2. Developed using **HTML5, CSS, JAVASCRIPT AND REACTJS** for seamless UX and responsive for various devices .
3. **Machine Learning** used to suggest plant based on soil metrics with accuracy up to **90%**.
4. Seamless plant buying options among 100s of plants known for improving air quality.
5. Promotes plants like English Ivy aggressively that can remove 78% of airborne mold in 12 hours.
6. A Google Chrome extension that can suggest soil to use in any area based upon various factors like soil moisture level and Air Quality Index (AQI) of that placed and the concentration level of various major gases like Nitrogen gas and PM 2.5 and PM 10

Additional

Languages: Fluent in English, Hindi

Certifications:

- 1) The Bits and Bytes of Computer Networking (Coursera)
- 2) MERN Full Stack Developer (Ethnus)
- 3) Blockchain Developer (IBM-Droit)

Relevant Coursework:

1. Data Structures and Algorithms
2. Python Programming
3. Object Oriented Programming (OOPs)
4. Java Programming

