

# HAMZA YOUSAF

ASPIRING SOFTWARE ENGINEER

## CONTACT

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## KEY SKILLS

- Object Oriented Programming(C++)
- Front End Development
- Phyton (Beginner)
- MS Office
- IoT and Blynk Application
- Git
- React

## LANGUAGE

- English
- Urdu

## EDUCATION

### Intermediate (HSSC)

HITEC College for Boys  
Grade: A

### Bachelor of Software

### Engineering (2024 - Current)

PAF-IAST (Mang, Haripur)

2<sup>nd</sup> Semester (Current)

Final SGPA: 3.56

## PROFILE

"I am driven by a passion for learning and personal growth. My educational journey is focused on building knowledge, skills, and a meaningful future."

## WORK EXPERIENCE

### IoT Based Gas Leakage Detector

2024 - 2025

- Designed and developed an IoT-enabled system capable of detecting hazardous gas leaks
- Integrated sensors (e.g., MQ2-series gas sensors) with microcontrollers (such as Arduino/ESP8266/NodeMCU) to accurately monitor gas concentrations.
- Developed dashboard interfaces using IoT platforms like Blynk

### Topic Based Content Management System

2025- Present

- Developed a web-based platform to efficiently organize, manage, and retrieve information or discussions categorized by specific topics or themes.

## PROJECTS

- AI Herring Assistant (Using Googlr AI Studio)
- Omni Food Clone (Using HTML & CSS)
- Amazon Clone (Using HTML & CSS)
- PortFolio (Using React)