

ALTHAF SHAIK

Coding enthusiast, IoT Specialist, Hardware Developer
Electrical Engineer, Conference Presenter, Video Editor



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OBJECTIVE

- ❖ I am an enthusiast and love to explore and arrive at **innovative solutions**. I enjoy **solving real-time challenges** using state-of-the-art technology.
- ❖ I am good in programming languages such as **JavaScript, Python, HTML, CSS, C++**, **MySQL**, etc
- ❖ I have participated in various programming platforms such as **codemy.com, HackerEarth, Codechef, Newton school**, etc.

PROJECTS

MISTRAL-HACKFEST 2022

- **Prototype Developer** ● Mar 2022 – May 2022

Developed an **IoT-based** project on "**water-treatment Monitoring through Wireless communication**".

We are the **only team** to solve all **6 problem statements** under the theme of water-monitoring

TECHNOLOGY INFUSION GRAND CHALLENGE 2021-2022

- **Hardware Developer** ● Dec 2021 – Aug 2022

On the theme of **Smart-City**, we have proposed **5 Unique solutions** to develop a rural area into a modern urban area.

This challenge is Organized by La-Trobe University, Melbourne, Australia.

I-DAPT HUB CHALLENGE 2022

- **Prototype Developer** ● Apr 2022 – Sep 2022

On the theme of **Smart Telecommunications**, we have developed "**Piezo-based smart Transportation with advanced technology techniques**".

SMART HACKATHON 2022

- **Team Member** ● Mar 2022 – Sep 2022

For the Smart India Hackathon 2022, we have Developed working hardware of "**Lower Limb Exoskeleton**".

We also tested with the **neuromuscular disorder** and Also with the aged persons.

SMART HACKATHON 2022

- **Team Member** ● Mar 2022 – Sep 2022

For the Smart India Hackathon 2022, we have Developed working hardware of "**Lower Limb Exoskeleton**".

IDEATHON 2022

- **Team Member** ● May 2022 – June 2022

→ We have proposed **Smart-Bed monitored through cloud**

Interests

- I. Video Editing
- II. MS-Office
- III. Circuit Designing and Electronics
- IV. Art
- v. Canva Designing

Skills

- Python ★★★★★☆
- Html ★★★★★
- CSS ★★★★★☆
- Java Script ★★★★★☆
- MySQL ★★★★★☆
- UI/UX Design ★★★★★☆
- C ★★★★★☆
- Arduino ★★★★★
- Cloud Computing ★★★★★☆
- Electronics ★★★★★
- Problem-Solving ★★★★★
- Communication ★★★★★☆

Languages

- a) English
- b) Telugu
- c) Hindi
- d) Urdu
- e) Tamil

KEYSIGHT INNOVATION CHALLENGE 2022

●IoT Developer ●Apr 2022 – Oct 2022

➔ We are the **only team from India** finalist all over the world 6 teams selected with the idea of "**Carbon-Monitoring**" with the integration of **AI, CyberSecurity**

SPACE SHOOTING GAME USING PYGAME

●Programmer ●Aug 2021 - Oct 2021

➔ Developed a **Pygame** based **Realistic space shooting game** with **visual** and **sound** effects.

➔ With the **code lines of 200-300**, a simple beginner-level space shooting game

VOICE ASSISTANT WITH PYTHON

●Software Programmer ●Feb 2021 – Apr 2021

➔ On the behalf of the **school mini project** with my team, we have developed a **Voice Assistant using Python** and some of its modules such as **Speech Recognition, Wikipedia, Wolfram** etc

Achievements

➤ In **Mistral-Hackfest** I have achieved **2nd Runner Up** with **₹1.5Lakh** + Achievement Certificate + **Runner up Shield**

➤ In **Keysight Innovation Challenge** I have achieved **6th finalist** from all over the world + **\$2,500 (Prototype Fund)** + Free Trip to **California** + **iPad Mini 6th Generation**

➤ In **I-Dapt Hub Challenge** I have achieved **2nd Runner Up** with **₹10,000** + Achievement Certificate

➤ In **Ideathon** I have achieved **winner up** with **₹3,000** + Achievement Certificate

➤ In **Manak 2018** I have Achieved **₹10,000 for Prototype** development + Achievement Certificate

➤ In **National Science Competition** I have achieved **₹10,000** + **Achievement Shield**

Many more.....

Thank You