Arpita Khot

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Objective:

To serve a progressive organization to which I can serve with best of my ability, putting my critical and analytical thinking to test thereby helping the organization to progress further.

ACADEMICS

Qualification	Institute	Board / University	Year	%/CGPA
BE	Fr. Conceicao Rodregues College of Engineering.	Mumbai University	2022	9.4(IV)
XII	Sathaye College	HSC	2020	67.65%
X	Canossa High School, Mumbai	SSC	2018	85.00%

PROJECTS

Pong-Game using Java

-(Mini-Project) Feb 2021

Conceptualized and Developed a game using Java Processing library.

- A single vs computer and a two player game
 - Has levels like easy and hard.

Anti-Sleep driver alarm.

- (Mini-Project) July 2022

Developed an program that alarms the driver if he/her is drowsy using **OpenCV** and a pre-trained dataset.

- By observing the driver's facial expressions, the system can detect drowsiness and sound an alarm.
- Provided the program's output to **Firebase**, which activates the buzzer.
- Learned about ESP32 wifi module.

PassVault – a P2P password manager

-(Mini-Project) Currently

- Generates strong passwords for better security.
- Syncs all the passwords for free unlike the password managers that are already in the market.

TECHNICAL SKILLS

Intermedi ate	JavaHTML
	• CSS
	• ReactJS
Basic	
	• C
	• C++
	• Python
	• JavaScript
	• SQL
	Data Structures

Participation • DAS Head at Team Vaayushastra • Technical Head at IEEE_WIE • DAS Head at Team Vaayushastra • Technical Head at IEEE_WIE

CO-CURRICULAR & EXTRA CURRICULAR ACTIVITIES