

PURVA MATE

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EDUCATION:

Priyadarshini J.L. College of Engineering.

Nagpur, India

Bachelor of technology (Artificial Intelligence)

February 2020 – June 2024

CGPA: 7.52

SKILL SUMMARY:

Languages: C & C++ programming language, Python, DBMS(SQL), HTML, CSS, Bootstrap, Javascript, React JS, Django.

Tools: Excel, PowerPoint, MySQL, SQL lite.

Platforms: PyCharm, Jupiter Notebook, Visual Studio Code, Dev C++.

Soft Skills: Effective communication, Curiosity, Adaptability, Flexibility, Teamwork, Creativity.

WORK EXPERIENCE:

Full Stack Development in Python Intern.

Nagpur, India

Advance Infotech Software and Web Solution.

February 2024-july 2024

- Developed responsive websites using HTML, CSS, and JavaScript, ensuring cross-browser compatibility.
- Built and maintained dynamic web pages using Django (Python) for server-side processing.
- Optimized website performance, reducing load times by implementing best practices in coding and image optimization.

PROJECTS:

Netflix Website Clone.

June-2024

- Developed a responsive clone of the Netflix homepage using HTML and CSS to replicate the look and feel of the original site.
- Technologies Used: HTML, CSS.
- Key Features: Responsive Design, Cross-browser Compatibility, Performance Optimization.

Fire Extinguisher Robot Using Raspberry Pi and Live Visual Indication.

June-2024

- In this project, we advocate creating a Fire Extinguisher Robot (FER) with live visual indication to provide greater situational awareness alongside the Raspberry Pi, an adaptable single-board computer.
- In addition to battling fires, our robot has been designed to display visual signals in real time on a cell phone, ensuring uninterrupted monitoring and control.
- By incorporating Raspberry Pi, we render it feasible for the robot to process data efficiently and choose sensibly relying on the data the machine receives from the ESP32 camera that will be crucial in identifying the precise location and magnitude of the fire.

Welcoming Music System Using Arduino.

May-2023

- A welcoming music system using Arduino plays music or sounds when someone enters a room.
- It uses a PIR motion sensor to detect movement and triggers a buzzer or speaker connected to the Arduino. If you want to play actual music files, you can use an SD card module with an SD card to store and play the files.
- The Arduino code checks for motion and plays the selected music or sound through the speaker whenever motion is detected.

ACHIVEMENT

- **Pegasus Technologies** **15 Feb, 2022**
Certified for completing the course Internship on C++.
- **Brainovision International Level Student Workshop** **23 Feb, 2024**
Certified for successful participation in the International Level Student Workshop- 2024 on "Data Science using Python" in association with Brainovision Solutions India Pvt. Ltd. (19 Feb, 2024 - 23 Feb, 2024)
- **Patent Fest** **14 Aug, 2023**
Certified for the participation in "Patent & Idea Fest" (14 Aug, 2023) at the hands of Shri. Devendra Fadnavis, Hon'ble Deputy Chief Minister, Maharashtra.
- **NPTEL** **Jan-Apr, 2024**
Certified for the successful completion of the course "Cloud Computing". (Jan-Apr, 2024).
- **Advance Computer Education** **Nov 2023-Jan 2024**
Certified for completing the course internship on full stack development in python.