ARJUN L

"I am a Computer Science student equipped with skills in programming languages such as C, Python, and C++, coupled with a understanding of data structures and algorithms. Eager to leverage my academic background and passion for technology to embark on a career in software development. With a proactive approach to learning and a commitment to excellence."

Personal Info.

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Linkdin link

Projects

1. **Hotel/Vehicle Rental Management:- React.js, Node.js, Express, MySQL(Code Here)**
   - Hotel Booking can be done and shows the total Bookings and availability. Creating and Deleting of Hotels can be Performed only By Admins.
   - And Vehicle Booking which is done inside a particular Hotel which will not be visible outside for other Hotels.
   - Using Crud Express and Node.js to work both the back and front-end Connections.

2. **Smart Recommendation Systems:-Flask, Streamlit, Cosine Similarity Algorithm(Code Here)**
   - Both for audio and Video Recommendation is done 1000 movies are taken and 5k songs are taken for Recommendation.
   - Using Cosine Similarity it works and recommends songs by using Matrix and finds the similar works present and recommends 20 songs.
   - This algorithm was choosen because of its efficency to take large number of data to check the similarity, which is better then other algorithms such as Euclidian.

3. **Home-Heaven(An online Property Booking Website) Using MERN Stack (Code Here)**
   - **MERN Stack Development**: Headed the creation of "Home Heaven" using MongoDB, Express.js, React.js, and Node.js, a combo that makes the site work smoothly. This setup allows property owners and seekers to easily find and book homes online, while an admin keeps an eye on everything in the background.
   - Property Owner can add or delete the property that he wants to rent. And also can add the area size, Pictures and Availability of bedrooms.
   - PropertySeeker can look for the Home for renting, He can choose any area he wants and also while choosing he can also see the reviews of those who had been before.
   - Admin work will be to look after the database.

4. **Hospital Management System(Web Development and Machine Learning) (Code Here)**
   - We have built an HMS webiste that has two main interfaces namely Patients side and Doctor side interfaces.
   - An main Advantage of this project is that, we have added an feature that will indicate whether Doctor is present in his cabin or not, that will save time of patients from long wait.
   - Patients will get thier appointment timings accordingly using priority and FCFS algorithm.
   - Frontend:-HTML,CSS,JavaScript.
   - Backend:-Django,Database(PostgreSQL).
   - And we have also added an chatbot that will Give general information.

Educational Background

Bachelor of Engineering(BE), Computer Science

JSS Science and Technology University,Mysuru.
2021-2025
CGPA:- 8.72

Pre-University Course(PUC), PCMC

St Micheal's PU College, Madikeri.
2019-2021
Percentage:- 94.5

Skills

Technical Skills

- Progamming Languages:- C++,Python,C
- Problem Solving:-Data Structures, Algorithms.
- Front-End Web Technologies:- HTML,CSS, JavaScript.
- Web-Development frameworks:- React,Django,Express.js.
- DataBase Technology:- MySql,MongoDB.

Languages

- English
- Kannada
- Hindi

Certification/Short Courses

- NPTEL Silver+elite on Course "Joy of Computing with Python".
- LinkedIn Learning Cerificates on Front-end Developer Course

Additional Information

- Worked as Volunteer in "Open Day Festival" in our College
- Participated in some of the Technical Talks from Tesla-SJCE club.