



Prem Kumar S

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🌐 <https://prem-s-9081.github.io/Prem-Portfolio/>

SUMMARY

Organized and dependable candidate successful at managing multiple priorities with a positive attitude. Willingness to take on added responsibilities to meet team goals. A hardworking and passionate job seeker with strong organizational skills eager to secure an entry-level developer position. Ready to help the team achieve company goals

PROJECTS

TRAFFIC VIOLATION CAPTURE SYSTEM

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY • February 2023 - May 2023

- IOT-based project that surveillance input and object detection is done using the Yolo v5 algorithm. This is done through neural networks and object detection models to categorize the vehicles.

REAL TIME DETECTION USING OPENCV AND AWS

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY • December 2022 - February 2023

- Data are collected via video streams and processed to detect the object pytorch and OpenCV libraries are used to achieve this. Java and Python play a background role.

HAND TRACKING AT 30FPS

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY • November 2022 - December 2022

- An IOT-based project that concentrates on tracking physical gestures using media pipe and OpenCV libraries. Python has been used in the background.

AI VOICE ASSISTANT

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY • October 2022 - November 2022

- Artificial intelligence-based project that delivers an instant response to the user's query with the help of a speech recognition library file. Pyttsx3 is used to work the application in offline mode.

EDUCATION

BACHELOR OF TECHNOLOGY WITH SPECIALIZATION IN CYBER SECURITY

SRM INSTITUTE OF SCIENCE AND TECHNOLOGY • RAMAPURAM, CHENNAI • 2024 • 8.7

CERTIFICATIONS

Python Programming

Guvi • 2023

Certified in Basic concepts of Python

AWS Developer

Udemy • 2023

Certified in Handling cloud platforms and services

COURSEWORK

The Riddle Mania

SRM Institute of Science and Technology • Leadership • 2023

Conducted a physical examination based on technology riddles with over 70+ participants.

INVOLVEMENT

Bureau of Indian Standards

SRM Institute of Science and Technology • Vice President • May 2022 - Present

- Vice-president of the Bureau of Indian Standards.
- Arranged several Industrial Visits and made students connect with fundamental rights.
- Conducted a couple of events under the organization.

SKILLS

Programming Language : Python, HTMS, C, SQL, PHP, PowerBI

Cloud Database : Amazon Web Services, Google Cloud Platform

Soft Skill : Problem-Solving, Decision Making, Teamwork, Active Listening, Project Management, Time Management