VISHNU SK

CONTACT

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Nagercoil,Kanyakumari

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PERSONAL PROFILE

NAME: VISHNU SK
FATHER'S NAME: SATHIESHKUMAR S (LATE)
MOTHER'S NAME: KRISHNAKUMARI S
DATE OF BIRTH: 17/09/2001
MARITAL STATUS: SINGLE
NATIONALITY: INDIAN
HOBBIES:READING,TRAVELLING,MOBILE PHOTOGRAPHY AND SPORTS

PERSONAL SKILLS

- VERY GOOD COMMUNICATION SKILL
- GOOD LEADERSHIP QUALITY
- GOOD AT TIME MANAGEMENT
- STRONG AT DECISION MAKING
- SELF MOTIVATED AND RELIABLE
- QUICK LEARNER AND ADAPTS TO NEW TECHNOLOGIES EASILY
- ALWAYS ENTHUSIASTIC TO LEARN AND IMPROVE

EDUCATION

2022 - 2025 CGPA:6.79

B.TECH - AI&DS
MEPCO SCHLENK ENGINEERING COLLEGE
SIVAKASI , TAMIL NADU

2019-2022 Percentage: 91.91

DIPLOMA IN MECHANICAL ENGINEERING
AMRITA POLYTECHNIC COLLEGE
KANYAKUMARI,TAMILNADU

PROFILE INFO

An enthusiastic AI and ML engineer driven by a passion for innovation. A lifelong learner with a keen understanding and the ability to grasp new concepts swiftly. Highly adaptable to diverse work environments.

PROJECTS

AN INTELLIGENT RECIRCULATING AQUCULTURE AND AQUAPONICS MONITORING SYSTEM BASED ON IOT AND MACHINE LEARNING 2025

- Designed and implemented an IoT- and ML-based smart aquaponics system for real-time water quality monitoring and automated control.

AI-BASED AUTOMATED DEFECTIVE EXHIBIT IDENTIFICATION SYSTEM PLACED IN A GALLERY SIH-2024

- Designed a smart system to detect defective or malfunctioning gallery exhibits using current, motion, and vibration sensors. Integrated a GSM module to send real-time SMS alerts to maintenance teams for immediate action.

ATM ANOMALY DETECTION 2023

- Developed and implemented an ATM anomaly detection system using machine learning algorithms to identify and prevent fraudulent activities.

DRONE SYSTEM FOR HYDRO POWERPLANT SIH-2023

- Designed and deployed a drone-based system for assessing and monitoring hydro power plant catchment areas. of video from the text for the regional languages in SMART INDIA HACKATHON.

MAZE GAME USING SOCKET PROGRAMMING 2023

- Designed a game using the socket programming(Iterative tcp protocol)

HUMAN ACTIVITY RECOGNITION 2023

- Build a machine learning model that predicts the human activity using LSTM.

SPAM MAIL DETECTION 2023

- Build a machine learning model that classify the mail as spam or not using an ensemble approach of 6 models.

ROUTEMASTER : OPTIMAL PATH GUIDE 2022

- Developed ROUTEMASTER, a navigation system utilizing optimal algorithms like A*, Dijkstra, and BFS for efficient pathfinding.

SKILLS

- C, python , R
- C++
- Html , React , node
- Mysql , Postgres, oracle
- Neo4j , MongoDB
- AUTOCAD , SolidWorks.

CERTIFICATIONS

- Programming in java (NPTEL)
- Cyber Security and Privacy(NPTEL)
- Certification for completion of java Training
- Certification for completion of R Training
- Certification for completion of HTML Training

LANGUAGES KNOWN

- Tamil - Having advanced knowledge in writing, speaking, and understanding.
- English - Having upper-intermediate knowledge in speaking, writing, and understanding.
- Malayalam - Having advanced knowledge in speaking and understanding. (Mother tongue)
- Hindi - Having basic knowledge in understanding, reading, and writing.

DICTIONARY USING TRIE DATASTRUCTURE

2022

- Designed a dictionary application using the Trie data structure having the insert , search and deletion.

BLOOD BANK MANAGEMENT SYSTEM

2022

- Developed a blood bank management system using python front end and the mysql backend.

DESIGN AND FABRICATION OF OVERSPEED INDICATION AND AUTOMATIC ACCIDENT AVOIDING SYSTEM FOR FOUR WHEELER

2022

- Detect overspeed conditions in vehicles using an IR sensor and control unit.Designed a mechanism to automatically trigger a flow control valve to reduce speed or stop the vehicle when the set speed limit is exceeded.
- Aimed to reduce accidents caused by overspeeding and enhance road safety through real-time response.
- Focused on providing a cost-effective and reliable accident prevention system for four-wheelers.

DECLARATION

I hereby declare that all the information stated are true and correct to the best of my knowledge.