

Hariharanvignesh K

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EDUCATION

Mepco Schlenk Engineering College

BTech Artificial Intelligence and Data Science

Sivakasi, TamilNadu.

CGPA: 7.57 | upto sem5 2023

Valluvar Vidhyalaya Matric Hr.Sec School

HSC-May 2021

Srivilliputtur, TamilNadu

Percentage: 88.88%

Valluvar Vidhyalaya Matric Hr.Sec School

SSLC-May 2019

Srivilliputtur, TamilNadu

Percentage: 83.8%

SKILLS

LANGUAGES

C | C++ | java | python |
HTML | CSS | JavaScript | SQL



FAMILIER WITH:

Python (ML & DL) | MongoDB
MERN stack |
Linux(Administration)

TOOLS AND TECHNOLOGIES

MongoDB | GIT | Firebase |
Neo4J | MySQL | oracle |
PostGre

TECH PROFILE LINKS

 Github: hariharanvignesh
 LinkedIn: hariharanvignesh

ADDRESS

4/401, Kamarajarpuram colony,
East Sivakasi, Sivakasi-626123
TamilNadu.

PROJECTS

BLOOD BANK ANALYSIS | MERN STACK

Jun 2023 – Dec 2023

- The Blood Bank Management System, developed on the MERN stack, efficiently manages blood collection, storage, and distribution, ensuring effective healthcare practices.

FRUITS-VEGETABLES CLASSIFICATION | MACHINE LEARNING

Jun 2023 – Dec 2023

- The "AI Tool for Fruits-Vegetables Classification" project, supervised, created an image classification solution using CNNs and transfer learning. Developed with Streamlit, it provides seamless interaction, offering nutritional insights and highlighting AI's transformative potential.
- Technical Stack: Programming Languages: C, Python | Tools: Streamlit

DAM MONITORING SYSTEM | SMART INDIA HACKATHON

Aug 2023 – Sep 2023

- Drone Dam monitoring System it manage all the catchment area of dams and identify the fault sent information to the server. We use VGG16 and Gradio and IOT devices with wifi connections to automatically find and detect the fault in the Dam.

CHATROOM - TCP | COMPUTER NETWORKING

Jan 2023 – May 2023

- Proficient in developing client-server applications, demonstrated by building a multi-client chat room with Python's socket programming and threading In real-time communication. Passionate about leveraging technology for efficient and reliable solutions.
- Technical Stack: python, Socket | Protocol: TCP/IP

RAILWAY CROSSING SYSTEM | OPERATING SYSTEM

Jan 2023 – May 2023

- Proficient in C programming, multithreading, and GTK GUI development, with demonstrated expertise in efficient system design using semaphores and pthreads. Committed to creating robust, user-friendly solutions.
- Technical Stack: C , GTK, Multithreading | Tools: Semaphore, pthreads

CHESS-DATASTRUCTURE IN C | DATASTRUCTURE

Jan 2023 - May 2023 |

- Skilled in chess engine development, focusing on algorithm optimization and debugging, with strong problem-solving abilities. Seeking opportunities in AI and game development projects.

CERTIFICATION

REDHAT CERTIFIED SYSTEM ADMINISTRATION | REDHAT

Jan 24, 2024 | CERTIFICATION ID: 240-015-743

REACT (BASIC) CERTIFICATION | HACKERRANK

Mar 2024 | CREDENTIAL ID: 6761D4C925CE

CYBER SECURITY AND PRIVACY | NPTEL

NOV 2023

PROGRAMMING IN JAVA | NPTEL

MAY 2023