HARRISH. R

ABOUT

I intend to be a part of an organization where I can constantly learn and develop my technical and management skills and make the best use of them for the growth of the organization. I look forward to establishing myself by adapting new technologies as well.

WORK EXPERIENCE

FRESHER

EDUCATION

B.TECH INFORMATION TECHNOLOGY

PSG College of Technology, Coimbatore | 2022 - 2025
CGPA: 7.9/10 (till 4th Semester)
Graduation in 2025

DIPLOMA IN COMPUTER TECHNOLOGY

V.S.V.N Polytechnic College, Virudhunagar | 2019 - 2022
Percentage: 98.2%

SSLC

Noble Matric. Hr. Sec. School, Virudhunagar | 2018 - 2019
Percentage: 90%

EXTRA & CO-CURRICULAR ACTIVITIES

Participated in Caterpillar Hackathon and Created a Model for Driver Fatigue Detection

Participated in various work shops related to App Development and Machine Learning

PROJECTS

GCID-GLOBAL CONFERENCE ON DECARBONIZING INDIA |PSG CARE|WEB DEVELOPMENT

- Developed A conference website for the global conference on behalf of PSG CARE using DHTML.
- Implemented a Interface to submit the Details which will automatically submitted on Google Forms.
- Implemented features such as Conference registration, Location(Map) and Optimized webpages.

BABY MONITORING SYSTEM |INTERNET OF THINGS

- Developed a IOT based baby monitoring system with motion, moisture and sound sensors.
- Designed a cradle and placed the sensors
- Implemented a Mobile App and connected to Node MCU using API.
- Parent will be getting a alert and data will be stored in a database, which will be useful for doctors for treating babies.

PERSONAL SKILLS

Creative spirit
Reliable and professional
Organized
Time management
Fast learner

CONTACT

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SKILL SET

Languages:
- Java
- C
- JavaScript

Frameworks and Web technologies:
- HTML/CSS
- Django

Database:
- SQL
- MongoDB.

Application:
- MS Excel / Google Sheets,
- MS PowerPoint
- MS Word / Google Docs.

Operating System:
- Windows
- Mac OS
- Linux
- Ubuntu

MINI PROJECTS

HOSPITAL MANAGEMENT SYSTEM|APPLICATION SOFTWARE
- .Hospital management system is a software application designed to manage the day-to-day operations of a hospital or healthcare facility.
- In this project, we will be using Java Swing to create a user-friendly graphical user interface (GUI) for the hospital management system. The system will be backed by a MySQL database to store and retrieve data.

E-BOOK STORE | WEB DEVELOPMENT
- Developed a Website using MERN stack.
- Implemented a User Interface with Book Image and User can perform CRUD operations.
- Details of the books are Stored in NoSQL Database(MONGO DB).

ONGOING PROJECTS

SECURING SaaS TRANSACTIONS USING AI/ML | CLOUD WEB SERVICE
- Create a Simple ERP Software(Basic Version).
- Host it on cloud - make it as SaaS(Cloud web service).
- Find the possible attacks on the Software and Induce Attacks .
- Provide Solution for the attacks.

SMART INVENTORY MANAGEMENT | INTERNET OF THINGS
- Setup Hardware connection and prepare custom dataset with label images using labelImg.
- Use RoboFlow for data augmentation and transfer learning in YOLOv4 and setup Raspberry pi environment for running model.
- Capture the Test Image and run inference on Raspberry pi and send the result of data to the Azure IoT Central for Monitoring Inventory products.