SARVESH.R

GRADUATE INNOVATION ENGINEER

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, 5/14A popular garden,papampatti pirivu,cbe

https://sarveshsportfolio.vercel.app

TECHNICAL SKILLS:

- Python - Intermediate
- Java- Basics
- C - Basics
- HTML- Intermediate
- CSS -Intermediate
- Java script - Basics

EDUCATION

SECONDARY SCHOOL

NATIONAL MODEL MATRIC HIGHER SECONDARY SCHOOL

2009-2021

BACHELOR OF TECHNOLOGY

KUMARAGURU COLLEGE OF TECHNOLOGY

2021-2025

LANGUAGES

English
Tamil
Hindi
Telugu

As an Artificial Intelligence and Data science engineering student goal is to continue learning about coding and machine learning techniques. I am passionate about developing websites, and I am eager to use my skills to develop a quality website, developing efficient AI using sufficient machine leaning techniques. I am committed to securing a challenging career opportunity that will allow me to grow and utilize my knowledge and experience to contribute to the success of the company.

EDUCATIONAL BACKGROUND

HSS: 2021

National model matriculation higher secondary school
coimbatore-641014
Percentage - 87.8%

SSS : 2019

National model matriculation higher secondary school
coimbatore-641014
Percentage - 84.6%

2021-2025

KUMARAGURU COLLEGE OF TECHNOLOGY
CGPA=7.1

TOOLS:

- VS code -Intermediate
- Figma - Basics
- Power BI - Intermediate
- Tabeleu - Basics

AREA OF INTREST:

- Problem-Solving
- Strong Communication
- Product Development
- Robotics
- OOPS
- Embedded projects
- Design thinking

ACHEIVEMENTS:

- **Formula student**
- **Graduate Innovation trainee at FORGE INNOVATION AND VENTURES**

PROJECTS:

The goal of automation in IoT is to create smart, self-regulating systems that can enhance efficiency, reduce human intervention, and improve overall system performance. This is particularly valuable in applications such as smart homes, industrial automation, and smart cities.

1) Computer vision:

Image Recognition: Developed a system using OpenCV to classify objects.
Finger Recognition: Implemented a pipeline for real-time finger detection.
Image Colorization: Converted black and white images to color with deep learning.
MNIST Dataset: Built models for digit recognition with high accuracy.
Autoencoders: Created models for image compression and reconstruction.

2) Web page:

ROLE: FRONTENED DEVELOPER

1. Personal Portfolio website
2. E- Commerce website
3. Social media website
4. Blog pages website
5. Task Management website

3)ROBOTICS

- **IoT Controlled Remote Car:** Developed a remote-controlled car using IoT technologies. Integrated sensors and actuators for enhanced control and real-time data transmission.
- **UGV for Surveillance Using ROS:** Designed and built an Unmanned Ground Vehicle (UGV) for surveillance purposes. Utilized Robot Operating System (ROS) for navigation, sensor integration, and remote monitoring.
- **Bluetooth Controlled Robotic Arm:** Implemented a robotic arm controlled via Bluetooth. Programmed the arm to perform precise movements and tasks through a custom mobile application.
- **AI Controlled Robotic Arm:** Created an AI-powered robotic arm capable of performing complex tasks autonomously. Applied machine learning algorithms for object recognition and task planning.