Sandhiya Govindhasamy

Computer Science Student

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EDUCATION

BE-Computer Science and Engineering
Thanthai Periyar Goverment Institute Of Technology
10/2021 - Present   *vellore*

Higher Secondary Education
The Namakkal Teachers Vidhyashram Metric Higher Secondary School
06/2019 - 04/2021   *vellore*

WORK EXPERIENCE

Internet Of Things Internship
Vayusastra
02/2023 - 02/2023
Achievements/Tasks
- Arduino and Raspberry pi Integration
- Sensors and actuators Integration
- Connecting with Cloud and Live data sharing

Cloud Computing
IBM-Naan Muthalvan
07/2023 - 12/2023
Achievements/Tasks
- Understanding Cloud Computing
- IBM DB2 and Cloud Integration
- Cloud Integrated ChatBot

Web Development
Codsoft
03/2024 - 04/2024
Achievements/Tasks
- understanding web development basics
- developed online calculator
- built responsive portfolio
- creation of landing page for institute

Embedded Testing Internship
Vaayusastra
07/2024 - 08/2024
Achievements/Tasks
- basics of microcontroller and microprocessor
- sensors testing
- sensor and actuators integration

SKILLS

Programming Language-Python,Java,C,HTML,CSS

Artificial Intelligence Data science

Data structures and Algorithms Machine Learning

Arduino and Raspberry Pi

PERSONAL PROJECTS

Motion Controlled Color Changer
- It changes the color of LED based on motion detection
- It helps in detection of Intrusion using motion sensor

Hostel Mess Bill Management System
- developed a hostel mess bill system with separate logins
- real time tracking of meals ,balances and payments

Lyrics Generation Using RNN
- Developed an algorithm using RNN to generate song lyrics automatically
- It utilises the power of AI to generate song lyrics

Landing Page for institute using HTML and CSS
- It is a Responsive Landing page for an institute
- It utilises HTML and CSS

CERTIFICATES

Programming with Python

UIUX for Beginners

Web Development

Foundation of AI and ML

LANGUAGES

Tamil
Native or Bilingual Proficiency

English
Professional Working Proficiency