



SANTHOSH S

Software Developer

CONTACT

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EDUCATION

2022 - 2024

DR. SNS RAJALAKSHMI COLLEGE OF ARTS AND SCIENCE

- Master of Computer Application
- Percentage : 74

2019 - 2022

SRI RAMAKRISHNA COLLEGE OF ARTS AND SCIENCE

- Bachelor of Computer Science
- percentage : 72

2019

ARUMUGAM ACADEMY MATRICULATION HIGHER SECONDARY SCHOOL

- Board : State Board
- percentage : 50%

2019

ARUMUGAM ACADEMY MATRICULATION HIGHER SECONDARY SCHOOL

- Board : State Board
- percentage : 62.4%

PROFILE

Motivated and enthusiastic software developer with a strong foundation in computer science principles and programming languages. Proficient in C, C++, HTML, JavaScript, CSS, Python, and Bootstrap with hands-on experience in developing and implementing software solutions through academic projects and internships. Quick learner with a passion for solving complex problems and a keen interest in emerging technologies. Eager to contribute to a dynamic team and grow in the software development field.

PROJECTS

PG Project

IoT-based smart agriculture monitoring System

- This project presents the design and implementation of a smart irrigation system leveraging Internet of Things (IoT) technology to optimize water usage and enhance crop productivity in agriculture.
- By deploying an array of IoT sensors to monitor key environmental parameters such as soil moisture, temperature, humidity, and light intensity, this system ensures precise and data-driven irrigation management.
- The ESP32 Bluetooth is connected to mobile WiFi using Python code. To allow seamless communication with cloud platforms and mobile devices.
- Utilizing IoT in agriculture can lead to efficient resource management, reduced environmental impact, and increased agricultural productivity.
- These sensors will communicate with a central microcontroller, which will analyze the data and execute control algorithms to automate irrigation operations by using Python.

UG Project

ONLINE COURSE PLATFORM LANGUAGE TRANSLATION

- This project uses Python function to process speech-to-text and is optimized for better vocabulary. The system first takes the voice as input removes noise and converts it into text. This text is translated into the other required language.
- This project was beneficial to me because it provided practical knowledge of not only Python programming but also SQL applications. However, there is also a procedure for dealing with "LANGUAGE TRANSLATION"
- The proposed system will have caption text as the video content plays. It will provide a better learning experience for the users. This feature can be integrated into any existing online course platform. Through the internationalization framework, we can easily mark strings for translation, both in Python code and in our templates.

PROGRAMMING

- Html
- Css
- Bootstrap
- Javascript
- Mysql
- Python

SKILLS

- Time Utility Quality
- Hard work
- Self Confidence
- Good Communication Skills

LANGUAGES

- Tamil
- English
- Malayalam

INTERSHIP

Aegiis Technologies

Web Development

- From my web development internship, I gained practical experience by building HTML, CSS, Bootstrap, and JavaScript projects and learned a front-end framework.
- Collaborated with team members to troubleshoot issues and deliver projects on schedule.
- I have worked at a food ordering website as a front-end developer.
HTML is used for developing content on the website.
CSS is used for developing colors for websites.
Bootstrap is used for designing the website. For example, a login page.
Javascript is used for dynamic and interactive web pages.

CERTIFICATION

- Certificate course on data mining in the Swayam Exam.
- Certificate course on "Introduction to Git and GitHub" Conducted by Google.
- Attended Certificate course on "Job-Oriented Course G Suite" Conducted by Sri Ramakrishna College of Science.
- I attended a certificate course on "COGNITOLOGY SUMMIT AI & Cloud" Conducted by PSGR Krishnammal College for Womens Coimbatore.
- Certificate course on "Communication Skills" Conducted by TCS.
- Certificate course on "AWS Fundamentals Going Cloud-Native" Conducted by Google
- Certificate course on "Cybersecurity and the Internet of Things" Conducted by Coursera
- Certificate course on "Introduction to soft skill" Conducted by TCS
- Certificate course on "Data Manipulation in Studio" Conducted by UiPath
- Certificate course on "Data Tables and Excel Automation with Studio" Conducted by UiPath
- Attended Certificate course on "IOT Data Acquisition with Python" Conducted TwirlTact Technology Solution Private Limited .
- Achieved Grade B, " CAMBRIDGE ENGLISH ASSESSMENT EXAM" demonstrating advanced proficiency in English Validated skills: reading comprehension, written communication, oral communication, and listening comprehension Date of Completion: MAY1 2022 Completed the exam with distinction

REFERENCE

Sujaya

Class tutor

9363685024

DR. SNS RAJALAKSHMI COLLEGE OF ARTS AND SCIENCE,
Coimbatore - 641049

Place :

Date :

Signature