THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-15

(A Govt. Aided, ISO 9001:2008 Certified, Autonomous Institution Affiliated to Anna University)

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Fax : +91+452+2483427	**Website : www.tce.edu**

RESUME

Name	**: VENKADESH S**
Reg No.	**: 21C114**
Degree	**: B.E. (Computer Science Engineering)**
Website	**: https://venkadesh-developer.onrender.com/**

CAREER OBJECTIVE

To join in a leading organization which recognizes my skills and provides with adequate opportunities to learn from and progress along with the organization.

ACADEMIC RECORD

COURSE / CLASS	NAME OF THE INSTITUTION	BOARD OF STUDY	YEAR OF PASSING	CGPA / MARKS %
B.E (CSE)	Thiagarajar College of Engineering, Madurai.	Anna University, Chennai	2025	8.33*
XII	Kendriya Vidyalaya, Nagercoil.	CBSE	2021	95.6
X	Kendriya Vidyalaya, Nagercoil.	CBSE	2019	87.6

* CGPA (out of 10) up to IV semester

AREAS OF INTEREST

- Web Development (MERN Stack Development)
- Mobile Application Development (in Flutter)
- Deep Learning (Yolo)

TECHNICAL SKILLS

- Programming Languages : Python, C, Java, JavaScript
- Frontend Technologies : CSS3, HTML5, React, Bootstrap, Tailwind CSS
- Backend Technologies : NodeJS, Flask, ExpressJS
- Database Technologies : MySQL, MongoDB, SQL Plus, PL/SQL
- AI/ML and Data Visualization: Pytorch, OpenCV, Yolo
- Mobile App Development : Flutter and Dart
- Software and Others : Figma, Ubuntu, Git, Postman, Docker

PERSONAL SKILLS

- Desire to Learn new technologies.
- Persistence at work.

PROJECTS

Home Device Control with eye blink

Objective   : To Build a Smart glass which can detect the user eye blink and control the home appliances around them.

Languages   : Python Flask, MicroPython

Components : IR Sensor, ESP32 Cam, Raspberry pi Pico w, Raspberry pi, FTDI Module

Product Code Link: https://github.com/venkadesh004/innowah-backend (ever), https://github.com/venkadesh004/innowah-dl-model (Model)

E-Cell Stake - 23

Objective   : To Develop a web application for student investors and student companies in the event, where the investors can buy shares from the companies and the leaderboard of the company must be updated in the Realtime.

Platform   : VS Code, GitHub, Firebase, Onrender

Languages   : ReactJS, Python Flask

Product Code Link: https://github.com/venkadesh004/ecell (Frontend) and https://github.com/venkadesh004/ecell-backend (Backend)

TCE Course Exit Survey

Objective   : A TCE Course Exit Survey developed to collect Data from students for their course exit and arrange them.

Platform   : VS Code, GitHub, Onrender

Languages   : ReactJS, Express JS, Node JS, MongoDB, Chart JS

Product Code Link: https://github.com/venkadesh004/survey_tce_frontend (Frontend), https://github.com/venkadesh004/survey-backend (Backend) and https://github.com/venkadesh004/survey_admin_panel (Admin Panel)

A Vehicle Fuel Consumption Website

Objective   : To Develop a website to get the user fuel usage data and calculate the amount of total fuel usages in different cities and organizing the data for machine learning models.

Platform   : VS Code, GitHub

Languages   : HTML5, CSS3, Jinja, Python Flask, JQuery

Product Code Link: https://github.com/venkadesh004/global-vehicle-carbon-survey

Mother And Me

Objective : To develop a mobile application for conceive women to show them the data about the   child growth at every stage of their Maternity.

Platform : VS Code, GitHub, Android Studio

Languages : Dart

Product Code Link: https://github.com/venkadesh004/Mother-And-Me

Vehicle Log Book

Objective : To develop a mobile application for 2nd hand vehicle buyers to find the data about the vehicle using the vehicle number.

Platform : VS Code, GitHub, Android Studio

Languages : Dart, ExpressJS, NodeJS

Product Code Link: https://github.com/venkadesh004/online-vehicle-log-book

Proper Lifting position detection

Objective : To develop a Deep Learning Model to detect improper Lifting of objects

Platform : Google Colab, GitHub, VS Code

Languages : Python, Yolo

Product Code Link: https://github.com/venkadesh004/IITM-RP-IC-Student-Hackathon-Final-Round-Team-05

Sentimental Analysis

Objective : To develop a Ecommerce website through which the customers can post their comment. The comments from the website will be taken and classified based on a ML model into positive, negative or neutral section. It can be used in various companies to improve their products and customers to get to know more about the product. My role was to develop the backend to integrate the model and create API's and to develop responsive frontend.

Platform : Google Colab, GitHub, VS Code

Languages : Python Flask, Tensorflow, MongoDB, React JS

Product Code Link: https://github.com/venkadesh004/Tech-gig (Model), https://github.com/venkadesh004/Tech-Gig-backend (Backend)

CO- CURRICULAR ACTIVITIES

- Secured the **Fifth Position** in **IIT Madras RP IC Student Hackathon** conducted by the IIT Madras RP during the academic year of 2022-23.

- Secured the **Seventh Position** in **Intel One Maven Hackathon** conducted by Intel during the academic year of 2022-23.

- Reached Finalist in **PALS INNOWAH Hackathon** conducted by PALS Association

in IIT Madras RP during the academic year of 2022-23.

- Reached Finalist in **PSG Technical Symposium Hackathon** conducted by PSG College of Engineering during the academic year of 2022-23.

- Participated in CSEA events and secured **2nd position in Web-it-like-spider** on the academic year 2022-23, **3rd position** in the same event at academic year 2023-24 and **2nd position in ML Mania** on the academic year 2023-24.

CERTIFICATIONS

- Earned **5 stars** (Gold Badge) for **Problem Solving, Python** in HackerRank

- Credited **4 stars** (Silver Badge) for **Java, CPP** programming in HackerRank.

- Certified on Problem Solving Basics, Java Basics, Python Basics, JavaScript Basics, SQL Basics in Hackerrank.

- Certified in **Deployment of Machine Learning** Boot camp By DevTown.

- Certified Basics for the completion of Matlab onramp from MathWorks.

VOLUNTEERING TRAITS

- Served as a **NSS Volunteer** from 1st semester.
- Head of Technical in E-Cell from 5th semester.

PERSONAL DETAILS

CONTACT ADDRESS

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Kaniyakumari District - 629252.
Email: sreevenkadesh004@gmail.com
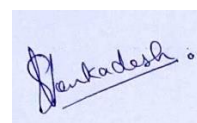Mobile: +91 86104 75929

Date of Birth: 06.01.2004   **Age:** 19   **Sex:** Male
Mother Tongue: Tamil
Languages Known: Read, write and speak: Tamil, English, Hindi

I, **Venkadesh S**, do hereby confirm that the information given above is true to the best of my knowledge and belief.

Signature

Place: Madurai

Date: 23-09-2023