THIAGARAJAR COLLEGE OF ENGINEERING, MADURAI-15

(An Autonomous, Govt-Aided Institution Affiliated to Anna University)

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NAME : SURIYA S

Degree : B. Tech (Information Technology)
DOB : 07.10.2003
Email : suriyas@student.tce.edu

PROFESSIONAL OBJECTIVE

To learn, grow and adapt in a professional environment that's constructive to both my ethical and technical productiveness as well as for the society.

ACADEMIC RECORD

Class / Course	Name of the Institution	Board of Study	Year of Passing	Marks / CGPA %
B.Tech. (IT)	Thiagarajar College of Engineering	Anna University	2025	6.68*
XII	Mahatma School KK Nagar	Matriculation	2021	87%
X	Mahatma School KK Nagar	Matriculation	2019	81.4 %

CERTIFICATIONS

- Google Cloud: Associate Cloud Engineer*
- CISCO CCNA 200-301*.
- Web Practitioner, FreeCodeCamp.
- Completed the Ideation Bootcamp workshop on "Realization of Sustainable
- Development Goals through IoT"
- Completed a workshop on "Essentials of Python and its importance to technology"
- Completed the Spoken Tutorial certification for "JAVA Programming"

- Completed the Spoken Tutorial certification for “Bash Scripting”
- Completed the “Introduction to SQL” offered by SoloLearn
- Completed the “JAVA” offered by SoloLearn

TECHNICAL SKILLS

- C, JAVA, PYTHON Programming
- HTML, CSS in Web Development
- Microsoft Word, Excel and PowerPoint
- Google Cloud and Azure.
- Game Development .
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PERSONAL SKILLS

Team-Management	Emotional Intelligence	Critical Thinking
Leadership	Problem-solving skills	Self-motivated

AREAS OF INTEREST

- Management and Technical Administration
- Cyber Security
- Game Development
- Internet of things

PROJECTS

Smart Parking System

The Smart Parking System is a project that utilizes the OpenCV (Open Source Computer Vision) library to detect and monitor parking spaces in real-time. The system aims to provide an efficient and automated solution for parking management, reducing the time and effort required to find available parking spaces.
Using computer vision techniques, the system analyzes video or image input from cameras installed in parking areas. The OpenCV library helps in processing and analyzing the visual data to detect the presence of vehicles and determine the availability of parking spaces. The system can identify occupied and vacant parking spots, and this information can be displayed on digital signage or a mobile app.
By implementing this system, drivers can easily locate available parking spaces, saving time and reducing frustration. Additionally, parking lot operators or authorities can monitor parking occupancy, optimize space utilization, and improve overall management efficiency.

Forest Fire Detection

The Forest Fire Detection project focuses on early detection and prevention of wildfires using various technologies and techniques. The goal is to identify potential fire outbreaks in forested areas at an early stage, allowing for swift response and mitigation efforts to minimize the damage caused by wildfires.

Different technologies can be employed in this project, including remote sensing, satellite imagery, and data analytics. These technologies help monitor vegetation health, detect changes in temperature and humidity, and identify abnormal patterns that may indicate a fire outbreak. Advanced algorithms can analyze the collected data and trigger alerts or notifications when fire risks are detected.

By detecting forest fires early, emergency response teams can be mobilized promptly, enabling faster containment and firefighting operations. Such early detection systems can help protect wildlife, prevent the destruction of vast areas of forests, and safeguard the lives and properties of nearby communities.

CO-CURRICULAR ACTIVITIES

• Contributed as co-author for the publication of conference paper on "Smart Parking System using IOT" – Dec 2022.

• Contributed in the development of mobile application for the IOT project on Smart Parking – Jan 2023.

EXTRA CURRICULAR ACTIVITIES

- Runner up in International Tech Event held by IEEE , In Stamford University , Huahin ,Thailand.
- Winner In Tech Event by SRM Kathankulathur Engineering College.
- Served as an integral representative of IOT club for Event management at my college

PERSONAL DETAILS

CONTACT ADDRESS

S/o Sekar PL

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Email: suriyas@student.tce.edu

EMAIL : suriyas@student.tce.edu
DATE OF BIRTH : 07.10.2003 **AGE**: 19 **GENDER:** Male
FATHER'S NAME : Sekar PL **MOTHER TONGUE:** Tamil

LANGUAGES KNOWN

Read : Tamil, English, Hindi
Write : Tamil, English
Speak : Tamil, English, Hindi

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

Place : Madurai

Date : 20.03.2023 **Signature**