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# SAKTHI KRISHNAA V

## OBJECTIVE:

Strong in design and integration with intuitive problem-solving skills. Proficient in C, JAVA. Passionate about implementing and launching new projects. Ability to translate business requirements into technical solutions. Very much keen to learn something new every day.

## SKILLS

- **Communication skills** - comfortable with both writing and speaking in English at any instance.
- **Interpersonal skills** - with outstanding leadership, teamwork capability, good presentation skills, and listening to officials' and subordinates' ideas.
- **Decision-making skills** - cool, calm, and composed at any kind of situation make the right decision.
- **Problem-solving skills** - good at identifying, analyzing, describing, and implementing perfect solutions for problems.
- **Technical skills** -
  - **Languages:** Python, c, java.
  - **OS:** Windows, Linux
  - **AI:** machine learning[image/video processing], NLP, big data analysis.
  - **Others:** HTML, Microcontroller programming[ALP], VHDL, Arduinio, xilinx, MATLAB.

## EDUCATION

**Kamaraj college of engineering and technology, Madurai** — *B.E[ECE]*

JUNE 2018 - APRIL 2022

Percentage obtained [CGPA]: 7.892

**St, Francis de Sales Hr Sec School, Virudhunagar** — *HSC & SSLC*

HSC - Year of passing - MARCH 2018

SSLC- Year of passing -MARCH 2016

Percentage - 76%

Percentage - 95%

## COURSES:

1. **LabVIEW Core 1** - National instruments [ 10 Days program from May 09 -24 2020]
2. **New India Learnathon 2020** -New India Learnathon 2020[ May - June 2020]
3. **Stem Solar PV system design workshop** - Minniyal power Pvt ltd [ September 26, 2020]
4. **Digital circuits and design using E-box platform-** By Amphisoft [ July 2021].
5. **C Programming webinar and hand-on programming** - by skillrack[ June 2021].
6. **NPTEL - Programming in java** - by Dr. Debasis Samata (IIT Kharagpur) - [October 2021]

## INTERNSHIP:

- **Project Trainee at Zoho Corporation, Tenkasi.[ Dec 2021 - present]**

This is a good experience for me to capture the environment of the Company, work culture, etc. Here I have learned concepts of git, advanced java concepts, and currently working on it.

- **Summer internship at Zoho Corporation.[June-July 2021]**

This helps me learn some ideas about the company environment and processing of projects and testing with various test cases. I Have learned many java frameworks such as JSP, Collections, etc.

- **AI Master Class series conducted by Pantech solution Pvt Ltd.[Nov - Dec 2020]**

This course gives an extraordinary knowledge of artificial intelligence, machine learning, and deep learning libraries.

The outcome of the course

1. I built a chatbot for booking an appointment with the doctor and collecting problems of the patient, personal data, and time of appointment,
2. Attendance recording system using facial recognition with machine learning libraries and python.
3. Developed a snake game and chess game using the pygame library.

- **Website development using WordPress - Spectrum Info Tech [May 26, 2019 - Jun 10, 2019]**

By the end of the program, we have launched a website for booking rooms in hotels, using WordPress.

## PROJECTS AND DESCRIPTIONS:

1. **A Guide for Visually impaired people using OpenCV**

- Using Machine learning algorithms for detecting objects & faces of known persons and sensing their emotions. Then intimate the Visually impaired People

2. **Secure file transfer between end-users using cryptography**

- Using the DES algorithm to encrypt the message from the server, the message is sent to the client when the client requests a file.

3. **Enhanced Sorting of healthy seeds for farming using Digital Image Processing**

- Using a Machine learning algorithm (Haar Cascade Algorithm ) the seeds are sorted by running that in a conveyor belt.

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## EXTRA-CURRICULAR ACTIVITIES:

I was a NCC cadet during my under-graduation, I have got B and C certificates with 'A' grades. This gives me more confidence, physical stability, and mental ability and also helps me improve my attitude, mindset, and skills developing every day.

## LANGUAGE KNOWN:

1. Tamil - native
  2. English - highly proficient in speaking and writing.
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