

# SUJI SURESH

KARTHIKA (H) HARITHA NAGAR MG KAVU PO THRISSUR-680581

+918138865472

sujisuresh313@gmail.com



## Objective

To pursue a job opportunity in a competitive environment that will challenge me to push my boundaries and expand my knowledge in the field of computer science while allowing me to add value to the dynamics of the company.

## Education

Course / Degree	School / University	Grade / Score	Year
B.TECH CSE	JYOTHI ENGINEERING COLLEGE, THRISSUR	7.3	2022 - 2025
DIPLOMA IN COMPUTER SCIENCE	WOMEN'S POLYTECHNIC COLLEGE	8.7	2019-2022
HIGHER SECONDARY(PLUS TWO)	POOMALA HSS	82	2017-2019

## Skills

- Python,HTML, CSS, JavaScript, MongoDB, Express.js, React, Angular, Node.js
- Operating System: Windows, Linux
- Frameworks and Tools: MySQL
- Programming tools and IDEs: GitHub, VS Code, Android studio

## Projects

### • BAKERY MANAGEMENT SYSTEM

The Bakery Management System is a web-based application designed to streamline bakery operations. Built using PHP and MySQL, it enables efficient management of product inventory, customer orders, and daily sales. The system allows bakery owners to add, update, and delete items like cakes, pastries, and bread, while customers can browse products, place orders, and make payments. Key features include order tracking, real-time stock management, and sales reporting.

### • FRIENDLIST

The Friend List Management System is a Java-based application that allows users to organize and manage their friends' information efficiently. This standalone project utilizes core Java concepts like object-oriented programming (OOP) and file handling. Users can add, edit, delete, and view their friends' details, including name, contact number, email, and address.

### • KTU ACTIVITY BOOK

Completed Ktu activity book for students and teachers to managing ktu activity points using python Django .

### • Linux System Monitor Script

Create a bash script that monitors system performance and provides useful information like CPU usage, memory usage, disk space, and running processes. The script will display this data in a user-friendly format and can even save logs for analysis.

### • CyberCrime prevention on Social Media

This project aims to address the growing threat of cybercrimes such as cyberbullying, harassment, and the spread of inappropriate content across social media platforms. With the increasing number of social media users, these issues have become more prevalent. The project introduces a proactive solution by integrating content filtering mechanisms and an IDS to identify and prevent harmful activities.

### • MEDICAL DIAGNOSTIC KIT (SYMPTOM ANALYSIS THROUGH MACHINE LEARNING MODELS)

The proposed project aims to develop a machine learning-based web application for medical diagnosis,

utilising robust and accurate machine learning models to analyse medical data uploaded by users. The application facilitates the detection of various health diseases and offers features such as doctor appointment booking and email communication between patients and doctors. This project prioritises machine learning due to its potential for high accuracy and minimal human error. It primarily uses allopathic datasets from Kaggle and UCI . This innovation is expected to significantly enhance diagnostic accuracy and streamline patient-doctor interactions, contributing positively to the medical field.

## Languages

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- ENGLISH
- MALAYALAM
- Tamil
- Hindi

## HOBBIES

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- Playing Badminton, Drawing, Reading Books, Coding

## Certificates

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- **Cybersecurity**

Cybersecurity Intern PACE Lab, Kochi, 2023

Participated in hands-on projects focusing on network security, threat analysis, and vulnerability assessment. Gained experience in using cybersecurity tools and techniques to identify and mitigate security risks.

- **Coursera**

Successfully completed front-end web development with react course.

## Positions Of Responsibility

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- Currently doing internship in Full stack development from Luminar Technolab,kochi
- Active volunteer of the Hackathena Hackathon held at Jyothi Engineering College in both 2024 and 2025.
- Volunteer for the NASA Space Apps Challenge at Jyothi Engineering College, Cheruthuruthy.

## Industrial Visits

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- 1)Undertaken Industrial visit in Virtual Reality at Wonderla Holidays Limited.  
2)CABE SPRINGS AND FASTNERS INDIA PVT LTD GOA, MARCH 2024

Explored the manufacturing processes and quality control techniques used in the production of springs and fasteners. Gained insights into industry standards, operational workflows, and the application of engineering principles in a real-world setting.

## Personal Details

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- Date of Birth, Age: 29/11/2001, 23  
Gender: Female  
Marital Status: Unmarried  
Religion: HINDU  
Nationality: Indian

## References

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- **Dr. Saju P john - Jyothi Engineering College**  
HOD Computer Science Department  
[sajupjohn@jecc.ac.in](mailto:sajupjohn@jecc.ac.in)  
+91 9847175255
- **Dr. Swapna B Sasi - Jyothi Engineering College**  
Assistant Professor  
[swapna@jecc.ac.in](mailto:swapna@jecc.ac.in)  
+91 9447125373

## Declaration

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- **Declaration**

I hereby declare that all statements made in this application are true,correct to the best of my knowledge.