SANTHOSHKUMAR

Software Developer

📞 +918610037754　✉ san11032005@gmail.com　✉ ks3758@srmist.edu.in　🔗 Linkedin://santhosh　🔗 Github://santhosh

SUMMARY

With a solid understanding of core concepts such as software development, algorithms, and data structures and my experience with programming languages, including C, C++, HTML, CSS and JavaScript, I have successfully completed several projects that demonstrate my ability to develop and optimize software solutions. My strong analytical skills and problem-solving abilities, combined with effective teamwork and communication, make me well-prepared to contribute to innovative technology projects.

EXPERIENCE

E-Commerce Website
University Project
📍 12/2022 — Trichy, India

- Developed both frontend and backend for this website
- Frontend: HTML & CSS
- Backend: MYSQL & JavaScript via Node.js

Anti-Sleep Sensor Developer
University Project
📍 04/2023 — Trichy, India

- Developed an anti-sleep sensor system using Arduino to monitor driver alertness
- Integrated real-time sensors and an alert system to prevent drowsy driving
- Developed this project using C++ language

Software Engineer Intern
Gramium
📍 06/2024 — Karur, India

- Built a database management software to store all the data
- Frontend: HTML & CSS
- Backend: MYSQL & PHP

EDUCATION

SRM UNIVERSITY
B.TECH IN COMPUTER SCIENCE ENGINEERING
Expected May 2026 | CGPA : 9.0/10.0

PANNAI PUBLIC SCHOOL
12th Grad. 2022 | Cum. Per : 76.35
10th Grad. 2020 | Cum. Per : 80.04

COURSES

- Cloud Computing
- Blockchain Technology
- Database Management
- IOT based Networks
- Machine Learning

RESEARCH

- ### AI IN AGRICULTURE | RESEARCHER

We utilized AI and Machine Learning algorithms to develop a new approach for increasing crop yield and optimizing crop rotation based on soil type and climate. We also created an irrigation system tailored to the specific soil type.

- ### DISEASE PREDICTION IN PLANTS | RESEARCHER

We utilized AI and Machine Learning algorithms to forecast crop diseases at an early stage, so they can be treated promptly and yield reduction can be prevented.

SKILLS

- C
- C++
- Java
- JavaScript
- HTML & CSS
- PHP
- Mongo DB
- MySQL

AREA OF INTEREST

- Full Stack Development
- Web Development
- Cloud Management
- Blockchain Technologies

OTHER SKILLS

- Problem solving
- Team collaboration
- Skilled in Communication