Santhoshkumar

software developer

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EDUCATION

SRM UNIVERSITY
BTECH IN COMPUTER SCIENCE
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
Mathematics Top scorer

LINKS

Linkedin://santhosh
Github://santhosh

COURSEWORK

GRADUATE

Cloud Computing
Machine Learning
Data structure and algorithms
Operating Systems
Computer organization and architecture
Object oriented design and programming
Database management
Internet of things

UNDERGRADUATE

AI technologies
Deep learning
Computer Networks
Functional Programming
Computer Graphics + Practicum

SKILLS

PROGRAMMING

- **C**
- **C++**
- **HTML & CSS**
- **Java**
- **Java Script**
- **PHP**

Familiar:
- **MYSQL**
- **Mongo DB**

EXPERIENCE

E-Commerce website
December 2022|Trichy,India

- This website was my first University Project, in that I was doing both frontend and backend.
- Frontend: HTML & CSS
- Backend: MYSQL & JavaScript via Node.js

Anti-sleep sensor
April 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.
- Using C++ language, I developed this project.

Gramium | Software engineer intern
June 2024|Karur,India

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

RESEARCH

AI IN AGRICULTURE | RESEARCHER
July 2023 - Nov 2023|Trichy,India

In this research, 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
July 2024–sep 2024|Trichy,India

In this research, 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.

AREA OF INTREST

- **Full stack development**
- **Web development**
- **Cloud management**
- **Blockchain Technologies**

OTHER SKILLS

- **Problem Solving**
- **Skilled in communication**
- **Team collaboration**
- **Typewriting**