

# SANTHOSH KUMAR S



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<https://github.com/SANTHOSH2K4>

## ABOUT ME

Enthusiastic AI & Data Science student and fresher, eager to contribute to innovative projects and gain practical experience. Passionate about working in environments that foster growth, collaboration, and continuous development.

## PROJECTS

### Bug Tracking Tool

Built a bug tracking tool for streamlined bug reporting, tracking, and resolution, facilitating user request management and bug resolution.

Django, MySQL

March 2024

### Precision Agro

Developed a web solution for plant disease diagnosis using CNNs and ML-driven crop recommendations, showcased at multiple prestigious hackathons and conferences.

Flask, MySQL

April 2023

### Libro Assist (SEED MONEY PROJECT)

Developed a mobile-integrated library management system using machine learning and chatbots for efficient administration and user engagement, with deployment on AWS EC2 to enhance cloud and server management skills.

Mobile APP,

Flask, MySQL

May 2024

## EDUCATION

### B.Tech Artificial Intelligence and Data Science

KAMARAJ COLLEGE OF ENGINEERING & TECHNOLOGY  
CGPA: **8.6**

Virudhunagar  
2021-2025

### SSLC & HSC

MSP SOLAI NADAR MEMORIAL  
HIGHER SECONDARY SCHOOL  
SSLC: **83.4** HSC: **86**

Dindigul  
2021

## INTERN EXPERIENCE

### Software Development Engineer - Intern

Working in R&D on large language models (LLMs), gaining hands-on experience in developing and optimizing AI solutions, collaborating on key projects, and adhering to confidentiality and conduct policies under the supervision of Dinesh Arunachalam.

QuarkSek Technologies  
- Private Limited  
present

## CERTIFICATION

Geodata Processing Using  
Python ISRO, IIRS, Online  
Red Hat System  
Administration I (RH124)  
Red Hat Academy, Madurai  
PCAP: Programming  
Essentials In Python Cisco  
Networking Academy®,  
Online

## AWARDS/ACCOMPLISHMENTS

### Research Paper Published on Journal of Technology

Published a paper under a mentorship by Dr.G.Nirmala Assistant professor at Kamaraj College of Engineering and Technology on "Smart Library Management" based on our libro assist project discussing effective inventory management and the borrowing process.

### International Conference

presented our 3rd-year Mini Project idea "Precision Agro" at an international conference ICA5NT hosted by Velammal Engg College.

### Achievements in Hackathons, Technical Events and Sports

Secured top positions in several hackathons and symposium events: 1st Prize in Orangomaniac, Discovery Derelicts, and Datum Quest; 2nd Prize in Buildathon; 3rd Prize in Starcoders; and consolation prize in Quarksek. Represented my college in zonal badminton matches, contributing to a 2nd Prize win.

## SKILLS

**Web Development** - Django, Flask.

**AI** - Deep Learning (Tensorflow), Machine Learning (Sci-kit learn).

**Programming:** Python, Java.

**DB:** Mysql.

**Data Analysis:** Orange Tool .

## LANGUAGES KNOWN

Tamil, English