SUDARSHAN G

Motivated and passionate engineering student looking for an opportunity to apply technical skills, gain hands-on experience, and contribute to innovative projects in a dynamic environment.
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Education

JSS Academy of Technical Education, Bengaluru
Bachelors of Engineering in Computer Science (Dec 2022 – Jul 2026) — CGPA: 8.39/10

Sahyadri PU college, Kolar
PCMB (Jul 2020 – Apr 2022) — Percentage: 86.1

Surya Vidya Samasthe[R], Narasapura
SSLC (Jun 2019 – Apr 2020) — Percentage: 96.4

Projects

- **Crop Recommendation System (using Machine Learning):** Developed a machine learning model to recommend optimal crops based on soil properties, weather conditions, and other environmental factors. Utilized algorithms like Random Forest and SVM for accurate predictions, improving agricultural decision-making.

- **3D Reconstruction of Human Body Organs using CNN (On going) :** Developing a 3D reconstruction pipeline for human body organs using Convolutional Neural Networks (CNNs) to enhance medical imaging accuracy and support diagnostic applications.

- **Mobile-Based Home Automation (using IoT):** Developed a mobile-based home automation system using IoT and Blynk, enabling remote control of appliances via WiFi for improved convenience and energy efficiency.

Skills

- **Programming:** C, Python
- **Front-End Development:** HTML, CSS
- **Back-End Development:** SQL
- **Core Skills:** Machine Learning, Artificial Intelligence

Certificates

- **Introduction to Cybersecurity Tools and its Attacks** - Coursera (Nov 2023)

A foundational course covering essential cybersecurity concepts, common cyber threats, and security tools. Topics include network security, cryptography, malware analysis, and ethical hacking techniques. Equips learners with the knowledge to identify and mitigate cyber-attacks.

- **Prompt Engineering** - SpringBoard (April 2025)

Completed Springboard's Prompt Engineering course, gaining hands-on experience in designing effective prompts to optimize outputs from large language models (LLMs) like GPT.

Workshops

- GenAI and its Applications -JSSATEB (Nov 2024)

Languages

Kannada, English, Hindi,Telugu