

SHANKAR S INDE

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SUMMARY

Passionate AI&ML Student with a background in deep learning, computer vision, and natural language processing. Skilled in Python, TensorFlow, PyTorch, and various ML libraries. Excellent problem-solving, research, and collaboration abilities. Seeking a challenging role to develop cutting-edge AI solutions.

TECHNICAL SKILLS

Programming Languages: Python, C, Frontend web development

Libraries & Tools: NumPy, Pandas, Git

Soft Skill Language: Kannada, English, Hindi

PROJECTS

School management system

Web Development and Database Management

HTML, CSS, Javascript, DBMS

- Developed a user-friendly school management system to efficiently handle student enrollment, teacher details, and school administration tasks for SMLHPS School
- Leveraged HTML, CSS, and JavaScript for the frontend, coupled with a robust database management system to ensure smooth data handling and retrieval.
- Implemented secure login functionality, detailed profiles for teachers and students, and comprehensive management of school data.
- Enhanced administrative efficiency by streamlining enrollment processes, improving data accuracy, and providing easy access to school and teacher information.

IoT Projects

Fingerprint Door Lock System

- Developed a secure fingerprint door lock system utilizing biometric sensors to enhance home security.
- Integrated a fingerprint sensor module with a microcontroller for real-time authentication and door control.
- Enabled keyless entry, reducing the risk of unauthorized access and enhancing convenience for users.

Automatic Room Light Control Based on Visitor Counter

- Designed an automatic room light control system using infrared (IR) sensors to count the number of occupants and adjust lighting accordingly.
- Employed IR sensors and microcontrollers to detect entry and exit, automating light switching to conserve energy.
- Achieved significant energy savings by ensuring lights are only on when the room is occupied, promoting energy efficiency and reducing electricity costs.

Humanoid Robot

'SHRUSTI 1.0'

- Collaboratively developed a humanoid robot named Shruti, designed for controlled and precise movement under the guidance of the Anveshana team.
- Integrated advanced sensors, actuators, and a microcontroller-based control system to enable Shruti's autonomous and remote-controlled operations.
- Demonstrated the potential of robotics in performing complex tasks with human-like dexterity, contributing to advancements in robotics research and practical applications.

EDUCATION

Visvesvaraya Technological University

Bachelor of Engineering in Artificial Intelligence and Machine Learning

Belagavi, Karnataka, India

2021 – Present

Vikasa PU College

Senior Secondary

Shimoga, Karnataka, India

2019 – 2021

ACCOMPLISHMENTS & CERTIFICATIONS

- 50 Hours Industry Oriented Addon Course on Artificial Intelligence and Machine Learning for coders.
- Selected and participated in the VTU Pitch Fest, where we presented our innovative product idea to a panel of industry experts.
- Participation in national level yoga competition.