AKSHAYKUMAR B T

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ABOUT ME

I'm a Computer Science Engineering student passionate about technology and problem-solving. Eager to learn, grow, and contribute to real-world projects while collaborating with others.

SKILLS

Technical Skills: Python | SQL | Django | Java | C | MS Office

Soft Skills: Teamwork | Creativity | Motivation | Problem-Solving | Flexibility | Time Management | Leadership | Critical Thinking

PROJECTS

3D Interactive Simulation in OpenGL

• Created a 3D simulation in OpenGL, GLUT, and C, featuring dynamic camera controls and object manipulation. Modeled a 3D environment with buildings, roads, and grass using color-coded polygons, integrating keyboard controls for navigation and object movement.

• Improved proficiency in 3D graphics programming and real-time rendering.

Hand Sign Detection Using Deep Learning

• Built a Python-based hand sign detection system using deep learning and MediaPipe for real-time recognition.

• Processed gesture data, trained an LSTM model, and utilized TensorFlow for model saving in JSON/H5 formats. Strengthened expertise in Python, deep learning, and TensorFlow.

Rental management using Django and MySQL

• Developed a rental management system using Django and MySQL to handle property listings, tenants, and rental transactions.

• Implemented features for user sign-up, login, and secure authentication. Designed MySQL database tables for Users, Properties, and Rentals, establishing relationships and constraints to ensure efficient data management.

EDUCATION

B.E in Computer Science and Engineering Cambridge Institute of Technology (2021-2025)
CGPA: 9.1 (Until 6th Semester)
KSEEB (Class XII) Shri Vidhyanikethan PU College (2021)
Percentage: 98.6%
KSEEB (Class X) Swamy Vivekananda Public School (2019)
Percentage: 95.2%

INTRESTS: Reading | Listening to music | Watching movies | Traveling | Gaming
LANGUAGES: English | Kannada | Telugu | Hindi