

# Pranavi Jain

pranavijain47@gmail.com

linkedIn: [www.linkedin.com/in/pranavi-jain-9b7a17298](https://www.linkedin.com/in/pranavi-jain-9b7a17298)

---

## SOFTWARE ENGINEER

An engineering student with a strong foundation in programming, data structures, and system design. Seeking a Software Developer or Project Engineer role to apply problem-solving skills and contribute to impactful projects.

---

## PROJECTS

**Hand Sign to Text Converter** Python, OpenCV, MediaPipe, Tensorflow Built a real-time system to detect and translate hand signs (ASL) into text using a webcam. Used MediaPipe and OpenCV for gesture recognition, and Tkinter for GUI design. Aimed to enhance communication for hearing/speech-impaired individuals.

### AI Mental Health Chatbot

Python, OLLAMA, Streamlit, Flask

Developed an AI-powered chatbot to provide emotional support and mental health resources.

Integrated sentiment analysis and natural language understanding to simulate meaningful conversations.

Deployed using Flask for a web-based interface.

### Hotel Management System

Java, JDBC, MySQL

Created a comprehensive hotel management tool with room booking, check-in/check-out, and staff management features.

Ensured data integrity and performance with optimized SQL queries and robust exception handling.

---

## INTERNSHIPS

AIML Virtual internship by AICTE

---

## HACKATHONS

Participates in many hackathons and developed prototype Web

Development in team environment

- Collaborated with team members on app development
- Implemented core functionality under time constraints
- Presented solutions to judging panel

**CERTIFICATIONS** : Python, Java, Oracle

---

## KEY COMPETENCIES

Object-Oriented Programming

Strong Interpersonal Skills

Critical Thinking

Data Structures and Algorithms

Version Control (Git/GitHub)

Time Management

Debugging and Problem Solving

Java, Python, Kotlin

Web development

---

## EXPERIENCE AND EDUCATION

Bachelor of Technology in Computer Science

Galgotias University

(Graduation: 2027) CGPA: 8.6