PASUPULETI CHARAN KUMAR

📞 +91 8008271806   ✉ pasupuleticharankumar16@gamil.com   Kadapa, Andhra Pradesh

in www.linkedin.com/in/pasupuleticharankumar1611   ⌂ https://github.com/PasupuletiC

OBJECTIVE

Looking for a role where I can use my skills in Python, machine learning, and web development to help build innovative solutions in a fast-paced team

EDUCATION

KALASALINGAM ACADEMY OF RESEARCH AND EDUCATION,   [Krishnan Koil, *T.N]*

Bachelor of Technology in Computer Science and Engineering   Sep 2022 – April 2026

Narayana Junior College   [Kadapa, *AP]*

Intermediate in MPC Stream   June. 2020 – May
2022

TECHNICAL SKILLS

- **Programming Languages**: Python, Java
- **Machine Learning & AI:** Deep Learning, Machine Learning, PyTorch, TensorFlow
- **Web Development:** HTML, CSS, JavaScript
- **Areas of Interest**: AI agents, Deep Learning, Machine Learning, Programming
- **Soft Skills**: Communication
- **Languages**: English, Telugu

PROJECTS

Movie Ticket Booking System
Built a mini booking platform with real-time seat selection, Python backend, and HTML frontend for movie listings and ticket confirmation.

Live Video Transcriber with Real-Time Speech Recognition
Built a real-time Python app using OpenCV and Google Speech-to-Text API to overlay live transcriptions on webcam feed with multithreading and text history display.

AI NewsReel Generator
Developed an AI-powered pipeline that scrapes news, summarizes content, generates narrated video reels with subtitles, and offers a web interface for viewing and downloading.

AI Meeting Assistant for Real-Time Transcription and Contextual Automation
Built a real-time AI assistant with transcription, summarization, and contextual Q&A using RAG, integrated with Slack and Google Calendar for automated meeting workflows.

POSITION OF RESPONSIBILITY

Project Lead – Real-Time Video Transcriber
Self-Initiated Technical Project

- Led development of a real-time video transcription system using Python and OpenCV.
- Integrated live speech-to-text with caption overlays and multithreading.
- Implemented UI and optimized for error resilience and user feedback loops.

ACHIEVEMENTS

IIT Madras Shaastra Hackathon – Top 50 Team
Jan 2025 | Chennai, India

- Competed among top national teams, developing innovative tech solutions to real-world problems.

Kalasalingam ACM Hackathon – Finalist
Dec 2025 **|** Krishankol**,** TN

- I Developed a Generative AI-based solution to tackle real-world challenges in a competitive setting.