KONDI RUPESH

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SUMMARY

Electronics and Communication Engineering graduate with hands-on experience in Python, embedded systems, and cloud fundamentals (Microsoft Azure). Proficient in developing automation systems and AI-integrated solutions using Arduino and Python. Open to relocation and visa sponsorship. Committed to continuous learning and building scalable solutions in tech and electronics domains.

PROJECTS

Automatic Street Light Prototype

Designed and built an intelligent lighting system using Arduino UNO and light sensors to optimize energy usage. Implemented automated control to reduce energy wastage in public lighting infrastructure.

Automatic Speech Recognition System

Developed an ASR system using Python and the Speech Recognition library to convert speech to text. Achieved high accuracy and integrated GUI using Tkinter for enhanced accessibility.

Blood Donor Management System

Built a full-stack application using Python and Tkinter to manage donor information and blood inventory. Included features like donor registration, search, and database management.

EDUCATION

- Bachelor of Technology (B.Tech)
- Electronics and Communication Engineering,
 -Malla Reddy Engineering College, Hyderabad, 2022-2025 | CGPA: 8.26
- Diploma in Electronics and Communication Engineering,
- Govt Polytechnic College, Nizamabad, 2019-2022 | CGPA: 8.95
- Secondary Education,
- Little Flower High School, Bheemgal, 2019 | GPA: 9.8

CERTIFICATIONS

- Microsoft Azure Fundamentals (AZ-900)
- 1stop.ai - Internship in Artificial Intelligence
- 1stop.ai - Completed project on Automatic Speech Recognition System

SKILLS

- Languages & Tools: Python, C, Java, MATLAB, Cadence, MS Office, SQL, HTML, CSS, JS.
- Cloud: Microsoft Azure
- Languages Known: Telugu (Native), English (Professional Working Proficiency)