

Abhay Reddy Kaduluri

Electronics and Communication Engineering Student

I am an enthusiastic Electronics and Communication Engineering student with a passion for innovation in IoT, AI, and cybersecurity. I thrive on solving real-world problems, whether it's developing efficient wireless communication systems using ESP32 boards or exploring the latest advancements in artificial intelligence and network security.

✉ abhaykaduluri@gmail.com

📍 Andhra Pradesh, India

🌐 github.com/Abhayreddykaduluri?tab=repositories

📞 8500274802

🌐 linkedin.com/in/abhay-reddy-kaduluri-304b9a1b6

EDUCATION

Bachelor of Technology SRKR Engineering College

09/2022 - 04/2026

Bhimavaram, India

Course

- Electronics and Communication Engineering

Intermediate Aditya Junior College

04/2020 - 07/2022

Kakinada, India

Courses

- MPC

School Little Woods School

04/2011 - 03/2020

Kakinada, India

WORK EXPERIENCE

Intern - Artificial Intelligence Artificial Intelligence Medical and Engineering Researchers Society

06/2024 - 08/2024

Achievements/Tasks

- **Developed AI Models:** Created and trained machine learning models for image classification, object detection, and medical image analysis using advanced algorithms like YOLOv8 and CNNs.
- **Built Conversational AI Systems:** Designed and implemented chatbots with Open AI models and Google Dialog flow for real-world applications, including Telegram bots for weather updates and text-to-image conversion.
- **Innovated in Computer Vision:** Worked on advanced computer vision tasks such as human pose estimation, gesture recognition, and facial landmark detection using Media pipe and OpenCV!

SKILLS

C Programming

Python

C#

Arduino IDE

ESP32 Programming

PERSONAL PROJECTS

ESP-NOW Wireless Communication Protocol

Secure Password Generator using Cybersecurity

CERTIFICATES

Python

C#

Web development

LANGUAGES

English

Full Professional Proficiency

Hindi

Limited Working Proficiency

CORE TECHNICAL INTERESTS

IoT Development and Prototyping

Embedded Systems Programming

Robotics and Automation

Circuit Design and PCB Layout

Microcontroller Programming