

# PITANI KUSWANTH

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## OBJECTIVE:

Looking for an opportunity to apply my skills and knowledge to make a meaningful impact and advance my career.

## EDUCATION QUALIFICATIONS:

**Seshadri Rao Gudlavalleru Engineering College-Gudlavalleru** CGPA : 7.9 **2021-2025**  
Bachelor Of Technology,Information Technology.

**Aditya Junior College-Narsapur** Percentage : 80% **2019-2021**  
Board of Intermediate Education, MPC.

**Bhashyam EM High School-Narsapur** CGPA : 9.0 **2019**  
Board of secondary Education.

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## SKILLS:

- Programming:** Python, C, Java
- Web Technologies:** HTML,CSS,JavaScript
- Databases:** SQL
- Tools:** MS Office, Jupiter, Git, VS Code

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## PROJECTS:

### Emergency Alerts and Communication System For Epileptic:

#### Main Project:

- Designed and developed an **IoT-based device** to automatically detect seizures in epileptic patients.
- Implemented **real-time SMS alerts with GPS location** to notify caregivers during emergencies.
- Built an **autonomous system** requiring no human intervention, ensuring reliability and rapid response.
- Enhanced **patient safety** by enabling faster medical assistance through timely alerts.

#### AI Virtual Assistant:

- Developed a voice-controlled virtual assistant in Python for real-time interaction.
- Integrated **speech recognition and text-to-speech** modules to enable conversational functionality.
- Implemented task automation such as **web search, application launching, and Wikipedia summaries**.

#### AI-Powered Customer Query Assistant:

- Enabled real-time handling of customer queries on products, orders, refunds, and policies, improving user experience and reducing manual workload.
- Developed a console-based **AI chatbot** using **Python** and OpenAI GPT-4 API to automate customer support and deliver accurate, context-aware answers in real time.

#### LangChain-DocAI:

- Developed an AI-powered PDF Question Answering System using **LangChain**, Large Language Models (LLMs) and Python.
- Enabled context-specific query extraction and response generation from unstructured document data.
- Integrated with **GPT-4** for intelligent and interactive document querying.

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## CERTIFICATIONS:

- Python:** Master Programming Certificate by Udemy.
- Artificial Intelligence** Certificate by Simplilearn.
- Certification on **Java** by Simplilearn.
- Cyber Security Analyst** internship Certification by SmartBridge.