

Durga Venu Kumar Mutyala

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WORK EXPERIENCE

Fluentgrid Limited, Project Intern

Nov 2023 – Jan 2024 | Vishakapatnam

- Developed a real-time web application, enhancing company security by accurately monitoring and identifying human presence, notably in the cafeteria.
- Achieved outstanding performance with a remarkable 98.3% accuracy rate, ensuring precise human count capabilities.
- Incorporated efficient activation upon motion detection, further enhancing system responsiveness and reliability.
- Enhanced with functionalities such as seamless adjustment with RTSP routers for automatic shifts.

SKILLS

Generative AI | Prompt Engineering | Python | Gemini AI | Product Management | API
MySQL | Langchain | Git & Github | Streamlit | User Experience | Problem Solving

EDUCATION

Vishnu Institute of Technology, Bachelor - ECE

2020 – present | CGPA : 7.86

Prathibha Junior College, Intermediate

2018 – 2020 | CGPA : 9.3

Prathibha Edu Care, SSC

2018 | CGPA : 9.5

PROJECTS

Integrated Medical Care System

Tech used: GPT 3.5, Zapier, Micro-Controllers

- Developed a medical care system capable of dispensing medicines, conducting health checks, and featuring a chatbot for providing advice prioritizing convenience and accessibility.

Machine Learning-Driven Crop Recommendation System 📄

Tech Used: Flask, Random Forest ML Algorithm

- Innovatively integrated machine learning into an accessible web application, enabling farmers to make planting decisions by analyzing soil parameters, enhancing agricultural productivity.

Resume Reviewer AI 📄

Tech used: Gemini AI, Streamlit, Python

- Developed a web application leveraging Gemini Pro and Gemini Pro Vision to offer users personalized resume recommendations aligned with the job descriptions they provide.

POSITION OF RESPONSIBILITY

Student Coordinator, Build Club - IIT Madras Research Park

- Provided leadership and mentoring as a Student Coordinator to over 110 members and almost 30+ teams in the Build Club, facilitating workshops and hackathons that cultivated a culture of innovation.

ACHIEVEMENTS

- Published a python library that scrapes products of Flipkart just by having the url. 📄
- Secured an impressive score of 84.9% in the TCS National Qualifier Test, April 2023.