PRASANTH KAKARAPARTHI

CONTACT

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EDUCATION

2021-2025

GMR INSTITUTE OF TECHNOLOGY

- BTech in Computer Science Engineering(CSE)
- GPA: 8.3

2019-2021

FIITJEE

- INTERMEDIATE
- 94.2%

TECHNICAL SKILLS

- ML, Deep learning,NLP,CV
- Tensorflow,scikit-learn,torch
- Backend-Flask, Django
- Databases-SQL
- Computer networks(CN)
- Operating systems(OS)
- PowerBI,Azure cloud

SOCIAL SKILLS

- Leadership qualities
- Good communication skills
- Project Managment

LANGUAGES

- English(Fluent)
- Telugu(Fluent)
- Hindi(Fluent)
- Japanese(Basic)

PROFILE

Computer Science Engineer with expertise in AI/ML,deep learning NLP and automation, passionate about delivering data-driven insights and enabling business transformation through innovative technology solutions. Skilled in client-focused problem-solving and technology Passionate about impactful solutions and exceeding user expectations with an Investigative mindset.Looking for an opportunity to enhance my technical and professional skills.

INTERNSHIPS

1.Goliv Games MAR -MAY 2024

Role: Game developer

- Built different 2D and 3D games accordingly with the client requirements of the company
- Enhanced all-around game product development and delivery to the client requirements.

2.TopNotch Softsol July - Aug 2023

Role: Web Developer

- Developed an event management system using Flask and SQL, improving event planning efficiency by 40%.
- Implemented automation workflows for service scheduling, reducing manual intervention by 50%.
- Built an AI-powered chatbot for real-time customer interactions using NLP.
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PROJECTS

1.Summarization of Legal Documents and Automated Legal Assistance

- Developed a real-time legal document summarization model to provide actionable insights, enhancing decision-making for legal professionals using NLP.
- A graphical based neural network architecture built on top of it to achieve key based retrieval.

2.Fake logo Detection

- Built and end to end fake logo detection System which is capable of analyzing whether the given logo Is a fake or a real one using computer vision and python
- Tested across different deep learning models and Architectures like CNN, Resnet, Alex Net, etc.

3.Automatic Evaluation of Answer scripts

- An real time handwritten text extraction and grading the answers accordingly with the key answers provided by the teachers in the database with Django framework in the backend and SQL databases.
- An website where students can check for the marks and teachers can update the key and the grading is Automated.

ADDITIONAL INFO

- RADIO JOCKEY(RJ) AT GMRIT COMMUNITY RADIO, - President,held many technology and experience talkshows,interviews related
- Membership Lead for ACM(Association for Computing Machinery),held many hackathons and workshops to enhancing students skills.
- President for GAMYAM, A service organization of the college,Led a team of 150+ members for social awareness programs and technical knowledge programs
- Volunteer for NSS
- Involvment in Robotic club, AI Club in college,fostering collaboration among 200+ participants.

4.Human Face Generation using different Generative models

- Human Face Generation using different Generative models
- Trained and tested across different deep learning models and Architectures like VAE, GAN, DCGAN and VAEGAN.

5.Lawyer Assistant chatbot through Lang chain

- A Real time chatbot for specifically designed for Lawyer assistance, integrating Lang chain with Ollama and RAG (Retrieval Augmented generation) having over 7000 legal documents in the vector database.
- Used tools and Bing API for the news fetching making it a very smart assistant for the law-based issues and research.

6.Medical Image Processing for Eye Care

- Developed an AI-based system for detecting Diabetic Retinopathy using deep learning and computer vision techniques.
- Tested multiple models such as CNN, ResNet, and EfficientNet, optimizing performance for high accuracy.
- Explored Quantum CNN models to enhance accuracy and processing speed, achieving better results compared to traditional deep learning models.
- Utilized TensorFlow, OpenCV, and PyTorch for model development and training on medical image datasets.