

Tummapala Haribabu

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Profile

As an Enthusiastic and dedicated Student, my objective is to gain hands-on experience, expand my knowledge. I am a quick-learner, confident and adaptable person to do the work properly. I would like to enhance my technical and soft skills by taking up challenging assignments and to secure a challenging position in a reputable organization to expand my learnings, knowledge, and skills.

Education

B-Tech

Dhanalakshmi Srinivasan University, School of Engineering and Technology(Computer Science and Engineering)
CGPA : 8.5

(2021 – 2025)

Trichy, India

Intermediate

Sri Chaitanya junior college(M.P.C) - percentage : 95%

(2019-2021)

Visakhapatnam, andhrapradesh

SSC

S.B.S.Z.P. high school – percentage : 92%

(2019)

Dimili , andhraprdaesh

Projects

Major project

Automated Question Paper Generation using Generative Language Models

B.Tech Final Year Project ROLE - (TEAM LEADER) | Python, OpenAI GPT-4, LLaMA, Mistral, NLP, PyMuPDF

Developed an AI-powered system for automated question paper generation using Generative Language Models (GPT-4, LLaMA, Mistral) that extracts and processes educational content from PDFs to produce structured academic questions, including multiple-choice, short-answer, and descriptive types. Implemented a complete NLP pipeline using Python, PyMuPDF, and HuggingFace Transformers for text extraction, segmentation, and prompt engineering. Questions were categorized using Bloom's Taxonomy and evaluated through BLEU, ROUGE, METEOR scores, and human validation. The project achieved high relevance and diversity in generated questions, with over 80% expert approval for GPT-4 outputs, demonstrating potential for scalable deployment in academic setting.

Mini project (Duration: 3 months) Team size:3 | Role: Team leader

Automatic Removal Of Duplicate Images Using A.I.

Develop an efficient duplicate object detection and deletion system using hashing techniques in Python. The model is optimized using appropriate loss functions and training algorithms to improve its performance. Once trained, the CNN can efficiently identify duplicate objects in unseen data. Objects with similarity scores above a certain threshold are classified as duplicates and subsequently removed from the data

A.I -based recommendation system for course selection

Designed and developed a Course Recommendation System using content-based filtering techniques to suggest similar courses based on user interest. Leveraged natural language processing and vector similarity (e.g., TF-IDF or cosine similarity) to analyze course content and compute relevance between courses. The system provided personalized recommendations by comparing course descriptions, enabling users to discover related courses efficiently. Implemented using Python and relevant libraries, the solution enhanced user engagement and learning pathway personalization.

Personal Portfolio Website

- Designed and developed a fully responsive portfolio website using HTML, CSS, JavaScript, and Bootstrap.
- Implemented an interactive navigation bar, project showcase, and contact form with JavaScript validation.
- Applied Bootstrap grid system and components for a clean and mobile-friendly layout.
- Integrated animations and hover effects to enhance user experience and improve visual appeal.
- Optimized website performance and ensured cross-browser compatibility.

Skills

Technical Skills :

Frameworks & Databases : Bootstrap, MongoDB, SQL

Tools & Technologies : MS Word, MS Excel, MS PowerPoint

Programming Languages: Python, Java (Introduction to Data Structures & Algorithms (DSA)), HTML, CSS, JavaScript.

Soft skills :

Personal Skills : Time Management, Quick Learner, Self-Confident.

Languages Known : English, Telugu,Tamil.

Internship (Data Science Intern)

Slashmark — [15/09/2024] to [15/11/2024]

- Worked on [Analyze Daily Weather Data ,Fake News Detection, Gender & Age Prediction, Customer Churn Prediction for a Subscription Service,Diabetic Retinopathy Screening,Forest Fire Detection using CNN, e.g., analyzing large datasets, building predictive models, etc.].
- Utilized Python and data science libraries such as Pandas, NumPy, and Scikit-learn to [e.g., clean and preprocess data].
- Developed machine learning models to [e.g., predict trends, automate processes, etc.].
- Collaborated with cross-functional teams to [e.g., deliver insights, improve data-driven, decision-making]

Certifications

- Completed certification in Web Development at Udemy.
- Completed certification in MYSQL in Udemy.
- Completed certification in Barclays Life skills Programme conducted by GTT foundation at DSU.

Extracurricular Activities

- Participated in HACKD2022-(HACKATHON 2022) .
- Won 3rd prize in World Creativity and Innovation Day conducted by Dhanalakshmi Srinivasan University.
- Participated in AI CLUB INTRA HACKATHON (2023).
- Participated in the International seminar on Industry 5.0 & 21 st century life skills in educational institutions organized by the National Institute of Technical Teachers Training and Research(NITTTR),Chennai.
- Winners of the University Intra moral Cricket Championship, demonstrating teamwork, hardwork, and competitive spirit.
- Participated in AI CLUB INTRA HACKATHON (2024).

