

LAKKAVAJJALA JAYALAKSHMI

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EDUCATION

SRI VENKATESWARA COLLEGE OF ENGINEERING

B.TECH IN COMPUTER SCIENCE & ENGINEERING(AI&ML)
CGPA: 9.55 2021-2025

SRI CHAITANYA JR COLLEGE M.P.C

CGPA: 9.74 2019-2021

NARAYANA E.M SCHOOL

CGPA: 10.0 2018-2019

SKILLS

LANGUAGES

Python, Java

DATABASE MANAGEMENT

MySQL

TECHNOLOGIES

Machine Learning, Cloud computing

LIBRARIES

Pandas, Numpy, Scikit-learn

SOFT SKILLS

Communication, Teamwork, Problem Solving

ACHIEVEMENTS

WINNER

Debugging Contest (Think Champ),
Technical Quiz (AMPLE Fest),
Elocution (SVCE Women's Day)

BEST TECHNICAL CONTENT WRITER

GDSC SVCE Club

EVENT VISIBILITY INITIATIVE

Boosted event attendance by 200+ through engaging content

CERTIFICATIONS

- Python Programming - Cisco
- CCNA v7: Introduction to Networks
- Introduction to Artificial Intelligence - Infosys
- Introduction to Cloud Computing - IBM SkillsBuild

PROJECTS

CREDIT CARD FRAUD DETECTION USING MACHINE LEARNING TECHNIQUES WITH EXPLAINABLE AI

- Built ML models (Random Forest, LSTM, Stacking Classifier) in Python to detect fraudulent transactions with 95
- Applied LIME for explainability and performed unit testing using Jupyter Notebook. Followed a structured SDLC-based workflow from data gathering to deployment.
- Communicated results effectively and used problem-solving skills to improve model precision.

Tech Stack: Python, scikit-learn, LIME, Jupyter Notebook

SMART INTERVIEW SCHEDULING SYSTEM WITH ML-POWERED RESUME RANKING

- Developed a backend system that ranks resumes using TF-IDF NLP and automates interview slot assignment through RESTful APIs.
- Designed clean API routes using FastAPI and stored candidate data efficiently in MongoDB for retrieval and ranking logic. Collaborated using Git and GitHub for version control and peer reviews.

Tech Stack: Python, FastAPI, MongoDB, scikit-learn, NLP (TF-IDF)

AI-POWERED CHATBOT USING IBM WATSONX ASSISTANT

- Created a conversational AI chatbot using IBM Watson Assistant with NLP capabilities to simulate real-time user interactions.
- Configured custom intents and dialog flows.

Tech Stack: IBM Watson Assistant, IBM Cloud, NLP

POSITIONS OF RESPONSIBILITY

TECHNICAL FACILITATOR-GOOGLE DEVELOPER-CLUBS

- Delivered presentations on Generative AI and Chat-GPT prompts to an audience of over 180 people, enhancing understanding and engagement with advanced AI technologies.
- Improved teamwork and leadership skills by coordinating and facilitating discussions, fostering collaboration.