Satya Asritha Indugapalli

B.Tech(CSE - AI&DS)
Shri Vishnu Engineering College For Women.

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EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech.	Shri Vishnu Engineering College For Women	8.79 (Current)	2022-Present
Senior Secondary	Tirumala Mahila Junior College	96.1%	2020-2022
Secondary	Montessori (EM) High School	9.62	2020

ACADEMIC PROJECTS

- **Action Recognition with LRCN**
  - Built an action recognition system using Long-term Recurrent Convolutional Networks (LRCN) for video-based classification.
  - Achieved high accuracy on the UCF101 dataset by integrating CNNs for spatial features and LSTMs for temporal dependencies.
  - **Tech Stack**: Python, TensorFlow, Keras, LSTM, CNN, UCF101

- **FilmFinder**
  - Developed a movie recommendation system leveraging collaborative filtering and content-based techniques.
  - Enhanced performance through data cleaning, feature engineering, and exploratory data analysis.
  - **Tech Stack**: Python, Pandas, NumPy, Scikit-learn, Jupyter Notebook

- **Hospital Management System**
  - Designed a user-friendly UI for appointment scheduling with real-time doctor availability using Tkinter.
  - Streamlined data exchange between frontend and backend to enhance efficiency.
  - **Tech Stack**: Python, Tkinter, SQLite

SKILLS

- **Programming**: Python, C, Java, HTML, CSS, JavaScript, SQL
- **Concepts**: Artificial Intelligence, Machine Learning, Data Science, Data Structures and Algorithms, Database Management Systems, Natural Language Processing (NLP), Operating Systems
- **Technologies and Tools**: GitHub, TensorFlow, PyTorch, Scikit-learn, Pandas, NumPy, Matplotlib, MySQL,
- **UI/UX Design**: Prototyping, Wireframing, User Research, Interaction Design, Usability Testing, Adobe XD, Figma, Canva
- **Soft Skills**: Strong Communication, Team Collaboration, Data Storytelling, Analytical Thinking, Problem Solving, Time Management, Adaptability

EXPERIENCE

- **SkillDzire** — *May 2024 - Jul. 2024*
  Data Science Intern — Virtual
  - Gained hands-on experience in data analysis, machine learning, and statistical modeling.
  - Utilized Python libraries such as Pandas, NumPy, and Scikit-learn for data manipulation and predictive modeling.
  - Worked on real-world projects involving data preprocessing, feature engineering, and implementing machine learning algorithms.

CERTIFICATIONS

- **Google UX Design Professional Certificate**: Developed skills in UX design, usability testing, prototyping, and research. Explored user-centered design, accessibility, and equity-focused design while applying design thinking principles to create web and mobile solutions.
- **Introduction to Data Science with Python - edX**: Acquired skills in Python for data analysis using Pandas and Matplotlib.
- **IEEE IC HACK Phase I - IEEE Council, Indis**: Worked on innovative tech solutions, improving problem-solving and teamwork.
- **Data Programming in Java, Database Management System - NPTEL**: Studied database management, SQL, and data structures in Java.

PARTICIPATIONS

- **GenAI Study Jams - Google Developer Student Clubs (GDG)**: Participated in the GenAI Study Jams organized by GDSC, learning about generative AI models and their applications in real-world problems.
- **GDSC Solution Challenge 2024 - 17-Hour Hackathon**: Participated in the GDSC Solution Challenge 2024, a 17-hour hackathon where we created 'HappyEat,' a website providing information about eating disorders and helping individuals recognize signs of these disorders.
- **IEEE IC HACK Phase I - IEEE**: Participated in IEEE IC HACK Phase I by IEEE, contributing to innovative solutions with a team of developers in a highly competitive environment.

EXTRACURRICULAR ACTIVITIES

- : GDG(Google Developer Groups) club member
- : IEEE Student Member