Venu Tejaswi Mandagiri

Chirala, Andhra Pradesh

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Education

Lovley Professional University   **Aug 2021 – July 2025**
B.tech in Information Technology CGPA - 7.72   *Jalandhar , Punjab*

Sri Gowthami Junior College   **Aug 2019 – May 2021**
MPC percentage - 96   *Chirala , AP*

Relevant Coursework

- Data Structures
- Operating System
- Machine Learning
- Computer Network
- Software Methodology
- Database Management
- User Experience
- Cloud Computing

Experience

CodersCave   **June 2021 – July 2021**
Data Analyst   *Coimbatore, Tamil Nadu*

- Leveraged Python libraries (NumPy, Pandas, Matplotlib) to perform Exploratory Data Analysis (EDA) on a house price dataset.
- Cleaned and preprocessed data to ensure its accuracy and usability for further analysis.
- Created data visualizations to identify trends, patterns, and relationships within the data.
- Utilized data insights to gain a comprehensive understanding of house pricing factors.

Projects

Real-Time Chat Application   **June 2024**
- Developed a robust, full-stack chat application using MERN, Socket.io, TailwindCSS, and DaisyUI.
- Implemented secure authentication (JWT), real-time messaging, online user status, and efficient state management (Zustand).
- Ensured reliability through comprehensive error handling.

Portfolio Website–   **May 2024**
- Developed a chatbot using Retrieval Augmented Generation (RAG) to answer queries based on PDF documents.
- Python, Hugging Face, Langchain, Llama Index
  Sentence Transformers for embedding
  Llama-2-7b-chat-hf for language generation

FilmFuzz A Movie Reccomandation Web App — Python,Streamlit,Sklearn   **October 2023**
- Leveraged Scikit-learn's cosine similarity algorithm to recommend movies based on user input and movie attributes.
  Built a user-friendly web app using Streamlit, enabling interactive movie exploration and recommendations.

Technical Skills

Languages: Python, C++, C, HTML/CSS, Dart, SQL
Developer Tools: VS Code, Eclipse, AWS,Azure , MYSQL,Tableau
Technologies/Frameworks: Linux, Jenkins, GitHub, Flutter,SonarQube,Docker
Monitering Tools: Graphana,Prometheus
Libraries: Numpy,Pandas,skitlearn

Achievements / Extracurricular

- **Secured a position in top 5 teams in Smart India Internal Hackathon.**   **November 2023**
  Built-in chatbot (Dialogflow) guides users, while SOS feature (Firebase) sends alerts for help. Empowers users and promotes safety. .
- **Secured First Runner up in ML build-a-thon .**   **April 2023**
  Cleaned and preprocessed the given dataset and build a model which predicts the employees productivity .
- **Data Analysis and Visualization Virtual Internship from Forage.**   **April 2023**
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Certifications

- **AWS Academy Graduate - AWS Academy Cloud Foundations**   **Feb 2024**
  Learned about aws services such as ec2 , s3 , lamda and cloud concepts .
- **Oracle Cloud Infrastructure 2024 Foundation Associate**   **Jan 2024**
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- **Problem Solving -Intermediate from Hacker Rank**   **Jan 2024**
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