

Sai Yaswanth Chithirala

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EDUCATION

Degree	Specialization	Institute	Year	Percentage
B.Tech	Computer Science & Engineering	VIT-AP	2021-25	87.0
HSC BIEAP	Physics, Chemistry, & Mathematics	Sai Vikram College	2021	95.20
SSC	-	Arunodaya School	2019	92.15

WORK EXPERIENCE

- Talent Acquisition & Technical Intern** [Orca NexGen] Apr-Jul 2025
 - Developed frontend components using **HTML, CSS, and JavaScript** for internal tools to improve usability and recruiter workflow visualization.
 - Automated repetitive recruitment tasks using utility scripts, streamlining manual operations and improving team productivity. .
- Data Science and Analytics Intern** [Grantly EduTech] Sep-Nov 2024
 - Analyzed datasets using **Python (Pandas, Matplotlib)** to extract insights on performance, engagement trends, and effectiveness. .
 - Created interactive dashboards with **Power BI** to visualize key performance indicators such as user behavior.
 - Contributed to early-stage predictive models to forecast and optimize content strategies.

PROJECTS

- Intelligent Document Query System using LLMs** Jan-May 2025
 - Developed a **document-based chatbot** using **Large Language Models (LLMs)** and a **Retrieval-Augmented Generation (RAG)** approach to answer queries from uploaded documents
 - Built a **Streamlit-based frontend** for file uploads and queries, with a **FastAPI backend** that integrated **OpenAI APIs, vector stores, and semantic search**
- BlinkIt Data Analysis Dashboard** Oct-Dec 2024
 - Analyzed BlinkIt sales data to uncover **customer behavior trends, demand shifts, and product popularity**, using **Power BI and Excel**
 - Built **interactive dashboards** with KPIs and slicers to visualize order volume, delivery patterns, and user retention for business stakeholders
- Disease Prediction using Machine Learning** Jun-Sep 2024
 - Created a machine learning model to **predict diseases based on user symptoms**, training and evaluating classifiers such as **Decision Trees, Random Forest, and SVM**
 - Developed a simple **Streamlit frontend** for symptom input and result output; improved model accuracy using preprocessing and hyperparameter tuning

POSITIONS OF RESPONSIBILITY

- Business Research Member** [Pennify Chapter] 2021-22
 - Published **FinTech market research reports** by analyzing trends across multiple data sources to support strategic planning and business insights.
 - Standardized **data formats** across ingestion sources, improving reporting accuracy and reducing redundancy in the research pipeline.

EXTRA-CURRICULAR ACHIEVEMENTS/ACTIVITIES

- Secured **First Prize in the CodeBid event** at VIT-AP for demonstrating strong problem-solving skills.
- Volunteer in the VITOPIA Event Management Committee**, organize and coordinate cultural events for attendees.
- Won **Third Prize in a Mandal-Level Talent Test** in Class X conducted by the committee of school organizers.

TECHNICAL SKILLS

- Languages:** Python, Java, MySQL, HTML, CSS, JavaScript
- Tools & Frameworks:** Bootstrap, PowerBI, Jupyter Notebook, VS Code, GitHub, Postman, streamlit
- Core Areas:** Frontend Development, Data Analytics, Machine Learning, Data Science
- Soft Skills:** Analytical Thinking, Logical Reasoning, Team Work, Time Management, Problem Solving