WOXSEN UNIVERSITY

Bodapatla Sindhu Priya

B.Tech - Data Science & Artificial Intelligence

Contact

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⌗ https://github.com/sindhu-2211/

Academics

Woxsen University | Hyderabad
   B.Tech- Data Science & Artificial Intelligence
   GPA-3.35/4

Govt Junior College| Mahabubabad
   Intermediate -MPC
   Percentage- 91.8

SPR School of Excellence | Hanamkonda
   10th grade
   GPA- 9.8

Technical Skills

Data Analysis, Machine Learning, Python, PowerBI, HTML, CSS, JavaScript, SQL,NLP

Languages

- English - Fluent
- Telugu - Advanced

Professional Skills

- Volunteering
- Teamwork
- Problem Solving

Awards

Best Demonstration Award at National Hackathon ,Bhopal

Co-CurricularActivities

Volunteer for Naturopathy Health Camp conducted by School Of Technology.

Objective

As a dynamic and adaptable professional, I bring a diverse skill set in Python, HTML, CSS, and Machine Learning, complemented by a proven ability to deliver impactful results. With a strong foundation in analytical and technical problem-solving, I am dedicated to achieving excellence and fostering continuous learning. My passion for innovation, combined with a commitment to surpassing expectations, enables me to make meaningful contributions to teams and organizations while driving growth and transformative outcomes.

Certification

- **Certified Application Developer- ServiceNow**
- **Certified System Administrator- ServiceNow**
- **What is Data Science? - Coursera**
- **Python Data Science, AI & Development - Coursera**

Internship

Seri Green Technologies Pvt. Ltd | Chennai, Tamilnadu

Junior Data Analyst Intern   *Feb 2024 - July 2024*

- Coordinated in a team of three extracted commercial cocoon market rates data and seed cocoon data from sericulture websites, ensuring accuracy and relevance.
- Utilized data visualization techniques to identify key factors impacting silk production yield and quality.
- Integrated weather data and commercial cocoon market rates, using visualization tools to uncover significant correlations.
- Conducted comprehensive analysis to provide actionable insights for optimizing silk production pro cesses.

Exposys DataLabs Internship Program   *Dec 2023 -Jan 2024*

- Successfully developed a machine learning-based diabetes prediction model using Python and data analysis to assess individuals' risk factors for diabetes.
- Achieved accuracy around 98 percent in predicting diabetes risk, outperforming existing models and contributing to early detection efforts.

Projects

Weather Prediction Model   *Sep 2023 - Oct 2023*

- Developed an interactive weather prediction model using Streamlit during a hackathon, enabling user-friendly access to forecasted information.
- Collaborated to build a streamlined application, showcasing technical expertise in delivering practical, decision-enhancing solutions.
- **Tech Stack:** Machine Learning, CSS
- **Link:** https://weatherprediction-5u6tmw49in6tdvtlwxjcgg.streamlit.app/

Extracting Engineering Predictions from Ancient Sanskrit Texts   *July-2023 - Dec 2023*

- Coordinated in a team of three and Analysed ancient Sanskrit texts to extract valuable engineering principles
- Identified and studied engineering-related predictions within various disciplines such as Astrophysics, Vedic Maths, and Vimanika Shastra.
- Implemented NLP techniques to extract engineering knowledge from ancient texts
- **Technology Stack:** Natural Language Processing
- **Link:** https://kewhgdwhqkatsvdjidpmf5.streamlit.app/

Speech-to-Speech Interactive Bot   *Dec-2024 - Jan2025*

- Developed a real-time speech-to-speech interactive bot, enabling seamless voice-based communication.
- Implemented speech recognition, LLM-based response generation (Cohere), and text-to-speech conversion (gTTS) for natural and dynamic interactions.
- **Technology Stack:** Python, LLM