Shivnath Pradhan

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Bachelor of Technology
Information Technology
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GitHub Profile
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Education

•Veer Surendra Sai University of Technology (VSSUT), Burla, Odisha *2026*
Bachelor of Technology (B.Tech) in Information Technology CGPA:8.11

•Marwari +2 High School, Chakradharpur *2022*
Jharkhand Academic Council, Jharkhand Percentage:91

•S S +2 High School, Sonua *2020*
Jharkhand Academic Council, Jharkhand Percentage:90.8

Technical Skills and Interests

Languages:C,C++,python,HTML,CSS,javascript
Developer Tools: VSCode,PyCharm,Matplotlib,Jupyter Notebook,Git,GitHub,colab
Frameworks:Pandas,NumPy,Matplotlib,Seaborn,scikit-learn
Data Analytics Tools: :MS Excel,Power BI,Tableau,google sheet
Cloud/Databases:MySQL,PostgreSQL
Areas of Interest:AI,Playing cricket

Experience

•Data Science Virtual Internship *Event April-june 2024*
Remote

– Gained hands-on experience in data analysis, visualization, and machine learning using Python.Mastered tools like Jupyter Notebook, Pandas, Matplotlib, and Scikit-learn.

•Applied Data Science for Data Analysts *Event july 2024*
Remote

– Gained practical knowledge of data science tools and techniques, including data analysis and visualization, with hands-on experience using Databricks.

Personal Projects

•Speech-based Weather Forecasting System

Project description(Developed a voice-based weather forecasting system using speech recognition and text-to-speech.)

– Tools & technologies used: Python,SpeechRecognition,pyttsx3,OpenWeatherMap API
– More description on the project(Developed a system using speech recognition and text-to-speech to provide real-time weather forecasts. Integrated OpenWeatherMap API for accurate data retrieval and ensured seamless interaction through voice commands. Built with Python, leveraging libraries like SpeechRecognition and pyttsx3.)

•Content-based Movie Recommendation System

Project description(Developed a movie recommendation system using content-based filtering to suggest movies based on user preferences a

– Tools & technologies used: Python,pandas,scikit-learn,Cosine Similarity,nltk,streamlit
– More description on the project(Designed a system using content-based filtering to recommend movies based on user preferences. Analyzed features like genre, cast, and keywords to calculate similarities using cosine similarity. Built the backend using Python with tools like pandas, NumPy, and scikit-learn, and developed an interactive frontend with Streamlit for a seamless user experience..)

•HR Dashboard

Project description("Built an HR Dashboard for real-time employee analytics and insights.")

– Tools & technologies used: Tablue
– More description on the project("Developed an HR Dashboard to streamline workforce analytics, featuring real-time data visualization on employee performance, attendance, and attrition, enabling data-driven decision-making.")

Achievements

•Participant in Solve For Tomorrow Innovision, SAMSUNG 2023