AYUSI PARIDA

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Summary

Highly analytical and detail-oriented student eager to apply developing data interpretation, visualization, and statistical skills to extract actionable insights and contribute to data-driven strategies that foster business growth and innovation.

Education

Kendriya Vidyalaya — Hyderabad
Secondary (X), CBSE — *May 2019 – May 2020*

Kendriya Vidyalaya — Hyderabad
Senior Secondary (XII) , CBSE — *May2021 – May 2022*

"Vellore Institute of Technology Bhopal" — Bhopal
B.Tech in Computer Science & Engineering" — *September 2023 - May 2027*

Technical Skills

Programming Languages: Python, C++, Java,Flutter

Libraries & Tools: NumPy, Pandas, Scikit-learn, Git, Docker

Projects

Blood group detection using fingerprint analysis — September 2024 – January 2025
Machine Learning Project — *python*

- Developed a machine learning model utilizing Support Vector Machine (SVM) to predict blood groups from fingerprint patterns.
- Designed and deployed a user-friendly web application interface using Streamlit, enabling real-time prediction and demonstration of the model
- Led the end-to-end development process, including model training, data preprocessing, and the integration of the machine learning backend with the web frontend.

Multidisease Prediction System — January 2025 – May 2025
Machine learning project — *Python*

- Built an integrated machine learning system leveraging separate SVM models to predict multiple diseases, including Diabetes, Heart Disease, and Parkinson's Disease.
- Developed and deployed an interactive web application using Streamlit, facilitating easy user input and real-time prediction display.
- Led the project, coordinating model development, streamlining the training process, and overseeing frontend integration and user experience.

Experience

Undergraduate B.Tech CSE Student — September 2023 – May 2027
machine learning — *"Vellore Institute of Technology (Bhopal), India"*

- specialization in Health Informatics
- Implemented and evaluated machine learning projects using CNN , SVC .

Certifications

- Applied Machine Learning in Python , Virtual)
- Fundamentals Of Artificial Intelligence And Machine Learning (Vityarthi, Virtual)
- C++ (Scaler , Virtual)

PUBLICATIONS AND HACKATHONS

• Authored and published a research paper, ”Blood Group Detection Using Fingerprint Analysis,” in IEEE Xplore, contributing to advancements in biometric identification.)

• participated in hackathon (Solvit) participated in a college- level hackathon focused on developing innovative energy-saving solutions and received a certificate of participation for active involvement and idea presentation. .