RISHITA PRIYADARSHINI SARAF

rishitasarafp@gmail.com | P: +91-9490463841 | www.linkedin.com/in/rishita-priyadarshini-saraf | github.com/Rishita-P-Saraf

EDUCATION

Vellore Institute of Technology, Bhopal   2022- 2026
BTech In Computer Science and engineering | CGPA: 8.76   (expected)

TECHNICAL SKILLS

- **Programming Languages:** Python, C++
- **Databases:** MySQL
- **Technical Skills:** LLM, RAG, Data Analysis, Microsoft Excel, Power BI, SQL, Machine Learning Algorithms, Deep Learning, NLP, Image Processing, Generative AI
- **Tools & Frameworks:** Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Keras, OpenCV

UNIVERSITY PROJECTS

Crypto Investment Advisor AI   August, 2025
- Developed an AI-powered Crypto Investment Advisor prototype providing basic investment insights using Python and Flask/FastAPI.
- Designed API-ready architecture for real-time blockchain market data integration (e.g., CoinGecko, Chainlink).
- Implemented Dockerized deployment, improving setup efficiency and portability by 100%.
- Tech Stack: Python 3.x, Flask/FastAPI, Docker, LangChain/OpenAI (planned), REST APIs, Git

Brain Tumor Detection using CNN   June, 2025
- Built and trained a custom CNN model in PyTorch for brain tumor detection from MRI scans, applying deep learning techniques to achieve 100% training accuracy.
- Applied data preprocessing, designed a custom Dataset class with train/validation split, and utilized model interpretability through feature map visualization and confusion matrix analysis.
- Tech Stack: Python, PyTorch, OpenCV, NumPy, Matplotlib, Jupyter Notebook

AI-Driven Google Play Analytics Dashboard   Jan, 2025
- Analyzed 10,000+ Play Store apps with Pandas/NumPy to uncover trends in installs, ratings, revenue, and user sentiment.
- Built an interactive Plotly dashboard with 10+ visualizations, including time-based charts and NLP (VADER) sentiment analysis on 100,000+ reviews.
- Deployed on Netlify, enabling real-time access for app developers and analysts to drive data-backed decisions.
- Tech Stack: Python (Pandas, NumPy, Scikit-learn), Plotly, NLTK (VADER), WordCloud, Flask-style scripts, Netlify Deployment.

WORK EXPERIENCE

Data Analyst Intern - NullClass (Remote)   Jan 2025 – Feb 2025
- Analyzed Google Play Store app reviews and created an interactive HTML dashboard using Plotly.
- Performed data preprocessing and extracted sentiment trends to guide app improvements.
- Tech Stack: Python, Pandas, Plotly, Matplotlib, Seaborn, Jupyter Notebook

Data Science Intern - Cognifyz Technologies (Remote)   Dec 2024 – Jan 2025
- Developed a linear regression model to predict restaurant ratings using customer data
- Conducted data cleaning, feature selection, and visualized insights using Seaborn and Matplotlib.
- Technologies: Python, Pandas, Matplotlib, Seaborn, Scikit-learn

ADDITIONAL INFORMATION

Certifications:
- Oracle Data Science Professional Certificate
- IBM GEN AI Using IBM Watsonx certificate

Achievements: Ranked 78th in the Zelestra Hackathon on HackerEarth for building a solar panel efficiency prediction model using XGBoost, achieving 89.88% accuracy.