# SHREY MISHRA

Mira Road | P: 7208374231 | mishrashrey275@gmail.com | https://github.com/SHREY275

## SUMMARY

Aspiring Data Scientist with strong knowledge of ML, Python, and model deployment using FastAPI and Docker. Eager to leverage practical experience in data science and ML to solve business problems.

## EDUCATION

**Shree L R Tiwari College of Engineering (2022-2026),**
Bachelor of Engineering – Computer Science (Pursuing),

- **CGPA:** 6.0/10
- **St. Rocks College of Commerce & Science** (HSC): 70%, March 2022
- **Shanti Nagar High School** (SSC): 74%, March 2020

## INTERNSHIP APPLICATIONS

**Web Development Intern – Pelorus Technologies**
*Oct 2024 – Jan 2025*

- Engineered a live AI-based project focused on video summarization, speaker diarization, and audio refinement.
- Optimized audio samples using Demucs and SciPy-based signal processing to minimize background noise and enhance sound clarity.
- Collaborated on the integration of machine learning models into scalable systems.

**Data Science Intern—Code B**
*April 2025 – June 2025*

- **Built a full-stack phishing URL detection system** using machine learning, integrating a FastAPI backend and Streamlit frontend for real-time predictions and explainability (SHAP/LIME).
- **Containerized and deployed the application using Docker**, enabling consistent local development and smooth deployment without relying on cloud services like AWS or Flask/Django frameworks.
- **Independently handled end-to-end development**, including model training, UI/UX design, API creation, Docker orchestration, and documentation.

## PROJECTS

- **1. Champions Trophy—Playing 11 Generator**
  Designed a team generation algorithm by analyzing cricket datasets using player statistics and performance metrics.
- **2. Diabetes Prediction System**
  Built a logistic regression-based prediction system to assess diabetes risk using health indicators and data visualization.
- **3. Automobile Price Estimation Model**
  Developed a supervised learning model to estimate car prices based on features such as brand, age, and engine type.

## RESPONSIBILITIES & ACCOMPLISHMENTS

**Computer Society of India (CSI)—Member & Volunteer (2022–Present)**

Member & Volunteer, Aug 2022 – Present  Facilitated the organization of hackathons, workshops, and tech events, ensuring smooth coordination and support.

**FIFS National Hackathon**

Achieved 11th rank at a national-level hackathon among competitive teams across the nation.

## CERTIFICATION & TRAINING

- **IBM—Python for Data Science**
- **IBM—Data Analysis with Python**
- **IBM—Machine Learning with Python**
- **Itvedant—Excel, SQL, Power BI, Tableau**

## TECHNICAL SKILLS

**Data Science & Analytics:** C, Python, NumPy, Pandas, Seaborn, Matplotlib, Machine Learning (Supervised & Unsupervised)

**Data Handling & BI Tools:** SQL, Excel, Power BI, Tableau

**Development & Frameworks:** HTML, CSS, FastAPI, Docker, Linux, Streamlit

**Version Control & IDEs:** Git, Jupyter, VS Code, Postman