ROHAN SHARMA

DATA ANALYST

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EDUCATION

Siliguri Insitute of Technology   **2020 - 2024**
B.Tech Computer Science and Engineering   *CGPA : 9.0*

TECHNICAL SKILLS

Efficient with : *Python, Java, MySQL, PowerBI, Tableau, REST, Git, Seaborn, Excels/Sheets, pySpark*
Familiar with : *Javascript, Typescript, React, Databricks, PostgreSQL, AWS(ec2, s3), R, HuggingFace*
Learning   : *CFD, more React, Google Could Platform (Big query and Compute engine), ANOVA*

PROFESSIONAL EXPERIENCE

Darwin Box   /remote   **Nov 2023 - Jan 2024**

- Improving the efficiency - 4% increased.
- Automated reporting pipelines using Python, reducing manual effort and ensuring real-time availability of key metrics.
- Implemented preventive maintenance strategies, resulting in a 20% decrease in equipment downtime.
- Identify bottlenecks in workflow and suggested actionable insights to optimize performance.

Rdr.inc   /remote   **May 2022 - Dec 2022**

- Analyzed complex datasets to identify trends and mitigate risks, contributing to digital transformation initiatives.
- Coordinated testing and validation, ensuring compliance with industry standards.
- Developed predictive models using machine learning techniques to assess potential risk factors proactively.
- Delivered data-driven insights to support strategic decision-making.

PROJECTS

Making projects is an interesting way for me to understand both ways of approaching and solving a problem. I do make

- **feel cv :** A browser extension that fills up your relevant information but extracting that information from the uploaded cv(.docx, .txt, .pdf) with the help of openAI.
- **MeowTech INNOVATEathon :** Built a project with intel oneAPI, that analyzes the audio real time predicting the emotion of the audio and suggest you books on the basis of your mood.
- **GTA6 sales prediction :** Prediction for GTA6 sales based on the trailer hype and reaction from YouTube, X.com , Instagram and other web articles.
- **stock market analysis :** Final year project , predicting stocks for various famous company using LSTM and rainfall model.

Researching

Computational Fluid Dynamics (CFD) and Particle-Based Simulations: *Explore efficient algorithms for simulating fluid behaviors, such as non-Newtonian fluids and turbulent flow*

Graph-Based Verification and Model Checking: *Develop scalable verification techniques using modern graph algorithms to ensure reliability and efficiency in large-scale AI and distributed computing systems*

ADDITIONAL INFORMATION

Languages   : *English, Hindi, Nepali, Bengali*
Certifications   : *AWS certified Advanced networking, CS50, CSS and Javascript, Python for ML*
Awards/Activities : *1st runner up for Intel Ideathon, 1st runner up for Intel INNOVATEathon, Leetcode (~100 questions)*