RISHABH INDORIA

Seeking a dynamic opportunity in the field of data science where I can utilize my skills and expertise to contribute to the success and growth of the company. With a passion for data analysis and a solid foundation in statistical modelling and machine learning, I am eager to leverage my capabilities to drive meaningful insights and actionable strategies for the organization.

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ACADEMIC DETAILS

COURSE	SPECIALIZATION	INSTITUTE/COLLEGE	YEAR
MTech	Artificial Intelligence	Indian Institute of Science, Banglore	2026
B.Sc.	Data Science & Programming	Indian Institute of Technology, Madras	2025
B.E.(Hons.)	Electrical & Electronics	Birla Institute of Technology and Science Pilani	2024

Computer Skills	Python3, SQL, Flask, Tensorflow, PyTorch, Deep Learning, Machine Learning, Django, C++ Language
Soft Skills	Collaboration, Communication, Presentation, Active Learning

SUMMER INTERNSHIP / WORK EXPERIENCE

Research Intern, Indira Gandhi Centre for Atomic Research (IGCAR) **Jul 2023 - Dec 2023**

- Implemented open-source network analysis tools to enhance the security infrastructure of industrial control systems(ICS) networks.
- Conducted comprehensive assessments of ICS network vulnerabilities, leveraging open-source tools to identify potential security risks.
- Conducted in-depth analysis of network traffic, utilizing open-source tools for anomaly detection and intrusion detection.

Project Intern, GMR **May 2022 - Jul 2022**

- Developed informative scripts tailored for short video productions, focusing on the subject of refrigeration and air conditioning.
- Conducted research to gather accurate and up-to-date information, ensuring the scripts were well-informed with industry standards.
- Crafted engaging narratives that communicated technical concepts to a diverse audience, maintaining clarity throughout the videos.

PROJECTS

Predicting Hard Drive Failure - Data Analytics **April 2024 - April 2024**

- Developed a predictive model for hard drive failure leveraging machine learning techniques and historical SMART attribute data in the Walmart Hackathon, collaborating closely with team members to identify key features and optimize model performance.
- Enhanced model accuracy by engineering features and applying advanced techniques, improving reliability in identifying drive failures.
- Collaborated closely on algorithm selection, presenting project findings and the predictive model at the Walmart Hackathon.

Dietary Recommendations Based on Medical Prescriptions - AI in Healthcare **Jan 2024 - May 2024**

- Developed an innovative solution to generate personalized dietary recommendations by accurately extracting and processing text from medical prescriptions using advanced OCR technology, ensuring precise data retrieval for tailored dietary advice.
- Leveraged large language models (LLMs) and prompt engineering to create tailored dietary advice based on precise medical data.
- Enhanced the accuracy of dietary recommendations, demonstrating the potential of the technologies to improve healthcare outcomes.

A Data-Driven Analysis of Restaurant Delivery Platforms - Business Intelligence in Restaurant Management **Dec 2023 - Feb 2024**

- Analyzed comprehensive Swiggy and Zomato datasets to pinpoint optimal locations for new restaurant establishments.
- Identified and analyzed trending cuisines to guide strategic menu planning, optimize customer engagement, and drive higher sales.
- Applied advanced data analysis techniques, significantly enhancing skills in data management, analysis, and strategic decision-making.

WORKSHOPS

Computer Vision in Supply Chain

Organized by**: Walmart GlobalTech |** Date**: Apr 2024**

- Developed expertise in time series data analysis and forecasting, facilitating informed decision-making based on temporal patterns.
- Developed proficiency in supply chain optimization techniques, particularly utilizing advanced and sophisticated probabilistic models such as simulated annealing, to enhance operational efficiency and minimize costs within intricate and interconnected logistics networks.
- Explored transformer applications in computer vision, addressing challenges like 3D bin packing to advance image processing capabilities.

CERTIFICATIONS

CERTIFICATION	CERTIFYING AUTHORITY
DeepLearning.AI TensorFlow Developer	Coursera & DeepLearning.AI
Reinforcement Learning	Coursera & University of Alberta