

RUPANSHU KAPOOR

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[Portfolio](#) [GitHub](#) [LinkedIn](#)

SUMMARY

Engineering graduate with a strong foundation in Electronics and Computer Engineering and a Post Graduate Program in Data Science. Proficient in Python, SQL, Machine Learning, and Deep Learning. Gaining practical experience through a Data Science internship. Held leadership roles in academic and extracurricular activities, demonstrating a well-rounded skill set for a challenging work environment.

WORK EXPERIENCE

Data Science Intern, Imarticus

May 2024 - Present

- Developed an AI resume analysis tool using LLMs for detailed feedback on grammar, spelling, and formatting, that reduces 70% of time required to create resume.
- Engineered sophisticated text analysis models with spaCy and the Grammarly API, resulting in 35% more precise sentiment analysis and cutting data processing time by 30%
- Deployed LLMs to generate context-aware suggestions, boosting recommendation accuracy; achieved a 30% uptick in user satisfaction scores and a 20% increase in repeat interactions

Data Engineer, Pratham Software

July 2019 - Dec 2020

- Designed and developed a CPQ (Configure Price Quote) tool tailored to specific customer requirements, enabling efficient and customized pricing strategies.
- Automated data pipelines using Azure Data Factory (ADF), reducing delivery times by 30%.
- Utilized Pyspark (Databricks) for data processing, enhancing performance and reducing processing time.

Trainee, Indian Space Research Organization

June 2018 - July 2018

- Created a responsive website using MEAN stack for a Defense Laboratory within ISRO, demonstrating proficiency in full-stack development.

EDUCATION

Post Graduation Program- Data Science and ML Imarticus Learning

Nov 2023 - July 2024

Bachelor of Engineering - Electronics and Computer M.B.M Engineering College, Jodhpur

Aug 2015 - July 2019

PROJECTS

DataFlow Pro: Automating ML Workflows

Developed a No-Code Python application to automate the end-to-end process of building, tuning, and evaluating machine learning models using JSON configuration files, achieving a 60% reduction in model training time. Key features and impacts include:

- Automated ML pipeline for regression and classification tasks, improving efficiency by 50% and reducing manual intervention.
- Implemented JSON-based configuration, enhancing setup flexibility and reducing configuration errors by 40%.
- Streamlined model evaluation and comparison, cutting down analysis time by 70%.

Technologies Used: Python, Streamlit, Scikit-learn, Pandas, JSON

GitHub Repository: [DataFlow Pro](#)

ADDITIONAL INFORMATION

- Skills:** MySQL, Python(Pandas, NumPy, MATLAB), Statistical Analysis, Machine Learning (Scikit Learn), Deep Learning(TensorFlow, Keras, Pytorch), Tableau, Power BI, Flask, Hadoop, Apache Spark, AWS, CI/CD, DVC, Dockers.
- Certifications:** Stanford Online | Deep Learning AI- Machine Learning Specialization, IBM - Supervised Machine Learning
- Won** Imarticus Data Science Hackathon - 2024