RUPANSHU KAPOOR

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Portfolio GitHub LinkedIn

SUMMARY

Passionate and dedicated engineering graduate with a robust foundation in Electronics and Computer Engineering, coupled with a specialized Post Graduate Program in Data Science. Demonstrates strong proficiency in Python, SQL, Machine Learning, and Deep Learning. Currently honing practical skills through a Data Science internship, showcasing a commitment to continuous learning and professional development. Recognized for leadership roles in academic and extracurricular activities, underscoring a well-rounded skill set ideal for a dynamic and 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.
- Implemented NLP techniques with spaCy and the Grammarly API for accurate text analysis.
- Leveraged LLMs for context-aware suggestions, enhancing recommendation relevance.

Software Engineer, Pratham Software   July 2019 - Dec 2020

- Data solutions for b2b pricing products.
- Design Configure price quote(CPQ) tool for multiple customers.
- Automated data pipelines using ADF , reducing delivery times by 30%.
- Data processing using Pyspark(Databricks)

Trainee, Indian Space Research Organization   June 2018 - July 2018

- Completed training at Defense Laboratory, Indian Space Research Organization.
- Development of Responsive website using MERN stack.

EDUCATION

Post Graduation Program- Data Science and ML   Nov 2023 - July 2024
Imarticus Learning

Bachelor of Engineering - Electronics and Computer   Aug 2015 - July 2019
M.B.M Engineering College, Jodhpur

PROJECTS

DataFlow Pro: Automating ML Workflows

Developed a Python application to automate the process of building, tuning, and evaluating machine learning models using JSON configuration files.

Key Features:

- Automated ML pipeline for regression and classification tasks
- JSON-based configuration for dataset, feature handling, and model parameters
- Feature transformation, train-test split, model building, and hyperparameter tuning

Technologies Used: Python, Streamlit, Scikit-learn, Pandas, JSON
GitHub: DataFlow Pro

ADDITIONAL INFORMATION

- **Skills**: MySQL, Python(Pandas, NumPy, MATLAB), Statistical Analysis, Machine Learning (Scikit Learn), Deep Learning(TensorFlow, Keras, Pytorch), Tableau, Power BI, HTML, Flask,
- **Certifications**: Machine Learning Specialization, Stanford Online | Deep Learning AI