ARUN KUMAR P

DATA ANALYST

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Kasaragod, Kerala

EDUCATION

BSc Physics

sn college, Kannur University CGPA: 7.2 Year: 08/2019-05/2023

Higher secondary
GHSS, MADIKKAI
Year: 08/2017-05/2019

SKILLS

SOFT SKILLS

| Statistics & Probability | Algorithms | | Physics | Decision-making |

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TECHNICAL SKILL

Python- Numpy, Pandas, Matplotlib, Seaborn

Machine learning

AWS - S3, Power BI , SQL , Scikit-learn, NLP, Open CV, DL Programming

ACHEIVEMENTS

- Achieved recognition as a football player at the inter college level.
- Led influential campaign as NSS Joint Secretary in college.

  - Team management by effectively leading a team of 50+ volunteers.
  - Showed initiative and engaged the community by starting over 20+ projects.

CERTIFICATES

- Machine learning, Great Learning
- Data visualization certificate with Python by Great Learning.
- Python fundamental certificate by Great Learning.

PERSONAL PROFILE

Aspiring Data Science enthusiast with a passion for transforming data into actionable insights. Eager to apply my academic expertise to solving real-world problems.

PROFESSIONAL EXPERIENCE

Data Science Inter, Luminar Technolab

Ernakulam | 11/2023 - Present

- Mastered core Python concepts and logic through completion of 100+ coding exercise and real-world projects. Mastered Pandas and NumPy for efficient data manipulation, analysis, and numerical computations.
- Skilled in machine learning essentials: data preprocessing, visualization, feature engineering, model building, performance evaluation and hyperparameter tuning across many projects and data sets.
- Excelled in data visualization with Matplotlib and Seaborn through practical exercises and projects.
- Power BI: Skilled in transforming data, creating interactive visualizations, designing user-friendly dashboards, writing custom DAX formulas, & optimizing performance across various datasets.
- Expertly conducted data pre-processing and feature engineering to enhance deep learning models.

PROJECTS

CURRENCY CONVERTER USING PYTHON:
- This project is personal currency conversion assistant, built in python. It lets you easily switch between rupees and various foreign currencies, based on average rates over the past year(2023)

  - Key Skill: Python

Exoplanet Hunting using machine learning:
- This presentation explores the interaction of astronomy and data science, revealing how advanced algorithm help in detecting exoplanets beyond our solar system.

  - Various machine learning models likes random forest and decision tree are employed for exoplanet detection. .The fusion of astronomy and machine learning has revolutionized exoplanet discovery

  - Key Skill: Python Pandas, Scikit-learn, Machine Learning.

SMART CHAT BOT USING NLP:
- This is a smart chat bot program using NLP and Python It uses a comparably simple approach to compute the relative distance between a query and the sentences contained in corpus

  - Key Skill: Python Pandas, Scikit-learn, Machine Learning, NLP.