Lakshay Kumar

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Driven data-driven tech enthusiast with a strong foundation in data science and software development with over 1 year of experience. Seeking opportunities to apply my expertise in machine learning, deep learning, and data analytics to tackle real-world challenges and make a positive impact on the masses through technology without harming *self, others* and *environment*

EDUCATION--

Atria University, *B.Tech in Digital Transformation* [Oct 2021 - Present]
Courses - *Data Science, Data Analytics, Computer Architecture, Machine Learning, Deep Learning, Data structures, Algorithms, Databases, Macroeconomics.*

EXPERIENCE--

- Data Science Intern @ GAIT Global :- Developed a model for extracting financial data from 90% of the files. Additionally worked on local LLMs reducing the cost of APIs by 60%. [Mar 2024 - Present]
- Junior Data Scientist @ HealthArk Insights :- Executed predictive analysis on healthcare datasets, identifying trends and built models with 98% accuracy. [Apr 2023 - Jun 2023]
- Research Assistant @ Atria University :- Conducted data-driven research on COVID-19 mutations, contributing to a publication led by Dr. Saurabh Mahajan [Aug 2021 - Jan 2022]
- Junior App & Web Developer @ Hex Business Innovations :- Assisted in developing face recognition and detection modules, enhancing product capabilities for Track HR [Jun 2021 - Aug 2021]

POSTION OF RESPONSIBLITY --

- Founder of KONNECT-AI : An open-tech community of 3000+ members in bangalore.
- Head of research in AI @ NEUROWISE : Led AI initiatives in a UK-based startup focusing on special education
- Technical project lead @ ATRIA FOUNDATION : Spearheaded the launch of a market product aimed at sustainable funding generation.

SKILLS---

Data Science: *Numpy, Pandas, Matplolib, Scikit-learn, Supervised & Unsupervised ML, Neural networks (CNN, RNN, MLP, LSTM), NLP* Language: *Python, Java, C++, C#* || Framework: *Django, Flask, Streamlit, FastAPI* || Database: MySQL, Mongodb, Firebase

PROJECTS --

- Trigo DALV : *(Python, Supervised Machine Learning)* A system to find a place to visit as a group of friends.
- Stock Market Modelling : *(LSTM, Flask)* A machine learning model to predict the trend of price of a stock.
- Drone Controller : *(Mediapipe, Opencv, dji-tello)* Controlling a drone using finger gestures.
- Real Time Sentiment Analysis : *(NLP)* ML model that does real-time sentiment analysis

EXTRA-CIRRICULAR--

- Public Talks : Delivered 25+ talks in community meetups around Machine Learning.
- Head of Beyonder's Hackathon : Led 5 teams to execute a unique Hackathon blending with competitive spirits & community driven approach. Implemented strategies that increased the registrations by 80%.
- Author : Book - "From Data to World: 5 Real world secrets with data science" purchased globally.
- Community Contribution : Built 3 open-source computer vision python packages for absolute beginners. Selected in PyCon India 2023 for the dev sprint session.