

# Lakshay Kumar

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Driven data-driven tech enthusiast with a strong foundation in data science and software development. 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 :- Building a universal script to scrape financial data from any kind of pdf (scanned images, word docs etc) [Mar 2024 - Present]
- Junior Data Scientist @ HealthArk Insights :- Predictive analysis on healthcare data. Build a machine learning model evaluated on different metrics. [Apr 2023 - Jun 2023]
- Research Assistant @ Atria University :- Data driven research on COVID-19 mutations led by Dr. Saurabh Mahajan. Research on the myth about the spread of viruses. [Aug 2021 - Jan 2022]
- Junior App & Web Developer @ Hex Business Innovations :- Assisted company in the Face recognition and face detection modules for their product – Track HR. [Jun 2021 - Aug 2021]

## POSTION OF RESPONSIBILITY -----

- Founder of KONNECT-AI : An open-tech community of 500+ members in bangalore.
- Head of research in AI at NEUROWISE : UK based startup focussing on special education leveraging AI
- Technical project lead @ ATRIA FOUNDATION : Launching a market product to build a sustainable way of generating funds.

## SKILLS-----

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

## 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*) Live deployment of the ML model that does real-time sentiment analysis and continuously improves based on user feedback.

## EXTRA-CIRRICULAR-----

- Public Talks : Delivered 15+ talks in community meetups around Machine Learning including the events held at Google, Microsoft, Mathworks, Thoughtworks, etc.
- Head of Beyonder's Hackathon : Led the teams to execute a unique Hackathon blending with competitive spirits & community driven approach. Invited senior people from management to be a part of it.
- Author : Book - "From Data to World: 5 Real world secrets with data science".
- Community Contribution : Built 3 open-source computer vision python packages for absolute beginners. Selected in PyCon India 2023 for the dev sprint session.
- Certifications : 1. Python for Data Science & Data Analytics by IBM  
2. AI Classroom series by Microsoft & NASSCOM