

# Lakshay Kumar

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Author, Data-driven tech enthusiast and student ambassador at Microsoft. **Authored 'From Data to World' and delivered tech talks for the meetup events held at Microsoft, Google, EFY, ThoughtWorks, Mathworks etc.** Passionate about Python development, data science and community building.

## 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 with 97.87% accuracy. [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