Lakshay Kumar

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SUMMARY

Author, Data-driven tech enthusiast and student ambassador at Microsoft. As a Project Manager at Atria Foundation, I'm launching projects to make quality education accessible. Authored 'From Data to World' and delivered tech talks for the meetup events held at Microsoft Reactor, ThoughtWorks, and more. Passionate about Python development, data science and community contribution through open-source packages and public speaking.

AUTHOR

From Data to World - 5 Real Life Secrets with Data Science

EDUCATION

Atria University, Bangalore *B. Tech in Digital Transformation* (Undergraduate) *2021 - 2025*
Courses – Data Science, Data Structures, Algorithms, Applied Calculus, Linear Algebra, Machine Learning

Jiva Public School, Faridabad *ISC* | **Grade:** 91.2% *2020-2021*
Subjects – English, Physics, Chemistry, Mathematics, Computer Science

Jiva Public School, Faridabad *ICSE* | **Grade:** 87.4% *2018 - 2019*
Subjects – English, Hindi, Social Science, Physics, Chemistry, Biology, Mathematics, Computer Science

EXPERIENCE

1. **Manager** - Konnect-AI (October 2023 - Present)
   An Open Tech Community for Open Panel Discussions

2. **Beta Student Ambassador** - Microsoft (September 2023 - Present)
   Building a local tech community exciting them to learn while building.

3. **Software Developer Manager** *(Part-time)* – iCReSTeD (June 2023 - December 2023)
   Able to automate a complex workflow of training programs upto 70% digitalization. Preparing system to automate data analysis

4. **Technical Project Manager** *(Part-time)* – Atria Foundation (June 2023 - January 2024)
   Building a sustainable way of generating funds for charity. Pilot Project Launched at Radisson Blu Atria

5. **Data Science Intern** *(Internship)* – HealthArk Insights (April 2023 - June 2023)
   Predictive analysis on cancer datasets with visualization. Built machine-learning models with 97% accuracy.

6. **Research Assistant** *(Full Time)* – Atria University (September 2021 – January 2022)
   Data driven research on COVID-19 mutations led by Dr. Saurabh Mahajan from NCBS. During the research many myths related to the spread of virus were nullified through extensive Data Wrangling and Visualization.

7. **Junior App and Web Developer** *(Internship)* – Hex Business Innovations (June 2021 – August 2021)
   Assisted company in the Face recognition and face detection modules for their product – Track HR.

TECH SKILLS

Python	Scikit-learn	Data Analytics	Supervised Machine Learning	Computer Vision	Django/Flask	SQL / Firebase / Mongodb	Android Development

ACADEMIC PROJECTS

1. **TripGo DALV** - Data Centric Introduction to Python
   Skills: Data Analytics
2. **Flight Delays Prediction** - Data Science Course
   Skills: Data Visualisation, Data Analysis, Data Cleaning, Probability, Statistics
3. **Namma Metro** - Data Structures Course
   Skills: Critical Thinking, Problem Solving, Analytical abilities, Coding Skills, Debugging expertise
4. **Socialy |** Friends Recommendations - Algorithms Course

NON-ACADEMIC PROJECTS

1. **Drone Projects** (Machine Learning, Computer Vision, Python) | July 2022
   Implementation of Computer Vision packages in Drones. Tried out many automations helping to solve real world problems.
2. **COVID-19 Helps** (Python Machine Learning, HTML, CSS, Bootstrap, JavaScript, PHP, SQL) | March 2021 – April 2021 *A complete website for helping the people during the difficult times of COVID-19. It analyzes the probability of COVID- 19 infection, shows the availability of Beds and other medical supplies. Times NIE Winner*
3. **Neorky** (Java for Android, Firebase) | December 2020 – January 2021
   App for connecting customer and service providers directly. This app primarily targets the audience who lost their employment due to pandemic. Supported by IIT Roorkee
4. **AntiBully** (Java for Android, Firebase Cloud and Database) | February 2021 – March 2021
   App against bullying activities. This app helps the victims against any kind of bullying by providing them aid. This app is also capable of preventing any such activities.

PUBLIC TALKS

1. **Open Source Project Maintainer** @ PyCon Hyderabad, Oct 2, 2023
2. **Panel Discussion : AI in tech** @ Every-AI. Sep 22, 2023
3. **AI Unleashed** @ Every-AI. Sep 8, 2023
4. **Open Source FOSS** @ SolaputFOSS. Aug 27, 2023
5. **Generative AI with GANS** @ MathWorks. June 3, 2023
6. **ML in Micro-controllers** @ ThoughtWorks. *February 4, 2023.*
7. **Drones and UAV** @ iotshows.in by EFY Group. *November 24, 2022.*
8. **Deploying ML Packages** @ Microsoft Reactor. *November 12, 2022.*
9. **Edge Computing and Automations** @ LinkedIn – OpsTree. *September 11, 2022.*
10. **Implementation of CV in drones** @ Microsoft Reactor. *August 6, 2022.*

COMMUNITY CONTRIBUTION

- *lkhandmapping* **(Python Package)**
  https://pypi.org/project/lkbodysegmentation/
- *lkbodysegmentation* **(Python Package)**
  https://pypi.org/project/lkbodysegmentation/
- *lkfacedetection* **(Python Package)**
  https://pypi.org/project/lkfacedetection/
- *cvindrones* **(Python Package)**
  https://pypi.org/project/cvindrones/

EXTRACURRICULAR

1. **Head of Beyonder's Hackathon -** Atria University's First Inter-College Tech event
2. **2nd Runner Up in** IIT Roorkee App Innovation Contest and IIT Guwahati – Alcheringa Code for Change.
3. **Winner of Times NIE** – Fight Against COVID-19.
4. Certifications:
   a. Python for Data Science by IBM.
   b. Machine Learning with Python by Open P-Tech.
   c. Data Analysis with Python by Cognitive Classes.
5. Completed Microsoft & NASSCOM certification in AI Classroom Series.

IMPORTANT LINKS

1. Blogs – https://blogs.lakshaykumar.tech/
2. LinkedIn (@lakshay2193) - https://www.linkedin.com/in/lakshay2193/
3. GitHub (@laksh-2193) - https://github.com/laksh-2193

SOFT SKILLS

Intrapersonal	Problem Solving	Critical Thinking	Leadership	Collaboration	Communication