

# ADITYA KULKARNI

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Aditya Kulkarni

## CAREER OBJECTIVE

"To leverage my passion for machine learning and data science to drive innovative solutions and insights, contributing to cutting-edge technological advancements and organizational success."

## EDUCATION

**Indian Institute of Technology (BHU), Varanasi**  
*B.Tech, Civil Engineering - CGPA - 8.11*

11/2020 – 05/2024

Varanasi, India

**Deogiri Jr. College**  
*Higher Secondary Certificate Percentage - 89.54%*

06/2018 – 04/2020

Aurangabad, India

## TECHNICAL SKILLS

**Languages:** C++, Python, SQL

**Tools and Technologies:** Jupyter Notebook, PowerBI, MS-Excel, Machine Learning, DBMS, HTML, CSS

**Interests:** Data Science, Data Analytics, Data Structures, Business Intelligence.

**Soft Skills:** Adaptability, Negotiation, Communication, Team Work, Time Management.

## WORK EXPERIENCE

**K12 Techno Services**

05/2024 – Present

*OCFP, Senior Faculty, Mathematics*

Bengaluru, India

- Built Maths curriculum boosting scores by **20%** through concept focus and **real-world application**.
- Proficiency in **integrating** digital tools and technology into the classroom to enhance learning outcomes.
- Provided academic and career **counseling**, helping students make informed decisions about their futures.

## PROJECTS

**Stock Price Prediction | Tata Global Beverages**

- Built **Keras LSTM** model predicting Tata stock prices with **85%** accuracy.
- Preprocessed 10 years of daily stock data to train LSTM model for accurate **predictions**.

**Liver Cirrhosis Prediction**

- Created **ML** model from patient **data**, aiding early liver cirrhosis detection for better healthcare.
- Achieved **97%** accuracy predicting early liver cirrhosis using **Decision Tree** and **RandomForest** classifiers.
- Validated** models using precision-recall analysis, ensuring accurate identification of different disease stages.

## POSITIONS OF RESPONSIBILITY

**Technex, IIT BHU**

03/2022 – 03/2023

*Public Relations Manager*

Varanasi, India

- Led a team of **20** to successfully invite and coordinate esteemed guests, enhancing the event's stature.
- Collaborated with national and international organizations to convene **5+** guest talks and **10+** exhibitions.
- Oversaw **social media** engagement for Technex'23, IIT BHU, growing the festival's online presence by 15%.

**Cycling Club, IIT BHU**

09/2022 – 05/2023

*Vice Captain*

Varanasi, India

- Pioneered** IIT BHU cycling club (2021), overcoming challenges to build community of **200+** members.
- Secured **official recognition** for cycling club through **Gymkhana** (2023), enabling **funding** access.
- Led a diverse team of **15** active cyclists, coordinating training sessions and organized **3** cycling events.

## HOUNOURS AND ACHIEVEMENTS

- Contributed to a **60,000+** sample dataset for handwritten alphabet recognition using **IMUs** under **Dr.Hari Prabhat Gupta**.
- Completed **20+** endurance races including marathons, half marathons, and **10Kms**.