

# ABHAY AGARWAL

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Abhay Agarwal | Abhay030405 | abhayondata | absolutabhay

Jhansi, Uttar Pradesh - 284002, India

## OBJECTIVE

A strong quantitative thinker with a passion for solving interesting problems and learning continuously. I enjoy working collaboratively in team environments, asking thoughtful questions, and exploring new ideas. With a solid foundation in algorithms and general programming experience, I'm eager to contribute to technology-driven trading strategies and grow in a fast-paced, intellectually curious setting.

## EDUCATION

- National Institute of Technology, Allahabad** 2024 - Present  
Bachelor of Technology, Electrical Engineering  
CGPA: 8.30/10.00  
Prayagraj, India
- Mahatma Hansraj Modern School** 2023  
Higher Secondary Education  
Grade: 83.2%  
Jhansi, India

## PROJECTS

- Project A: [Brief Description]** Month Year - Month Year  
Tools: [List of tools and technologies used]  
Developed [specific feature/system] for [specific purpose]  
Implemented [specific technology] for [specific goal], achieving [specific result]  
Created [specific component], ensuring [specific benefit]  
Applied [specific method] to analyze [specific aspect]  
[G]
- Project B: [Brief Description]** Month Year - Month Year  
Tools: [List of tools and technologies used]  
Developed [specific feature/system] for [specific purpose]  
Implemented [specific technology] for [specific goal], achieving [specific result]  
Created [specific component], ensuring [specific benefit]  
Applied [specific method] to analyze [specific aspect]  
[G]
- Project C: [Brief Description]** Month Year  
Tools: [List of tools and technologies used]  
Developed [specific model/system], achieving [specific metric]  
Implemented [specific feature], processing [specific volume] of data  
Created [specific visualization] for [specific purpose]  
Developed [specific component] for easy integration with [specific system]  
[G]

## SKILLS

- Programming Languages:** Python, R, Java
- Mathematical & Statistical Tools:** NumPy, Pandas, Seaborn, MATLAB, Excel
- Data Science & Machine Learning:** scikit-learn, XGBoost, TensorFlow, Keras
- Database Systems:** SQL, MongoDB
- DevOps & Version Control:** Git, GitHub, Docker
- Specialized Area:** Data Structures & Algorithms, Probability, Statistics, Time Series Analysis
- Core knowledge:** Operating Systems, Database Management System, Computer Networks
- Soft skills:** Problem-solving, Teamwork, Communication, Risk & Time Management, Project Management

## ACHIVEMENTS

- Leetcode - Problem Solving:** Achieved a 1764 rating on Leetcode, solving 500+ DSA problems, improving proficiency in algorithms and data structures
- Kaggle - Dataset Exploration:** Analyzed and studied 70+ real-world datasets related to machine learning and deep learning, gaining practical experience in data preprocessing, feature engineering, and model evaluation.
- Mathematics Practice:** Solved 1000+ problems across topics like probability, combinatorics, number theory, and calculus, building a strong foundation for quantitative analysis and financial modeling.