



# Mohit Yadav

Driven Computer Science student with a strong foundation in Java, Data Science and Machine learning. Eager to leverage technical skills to dynamic projects and organizational goals.

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## EXPERIENCE

### GITAM UNIVERSITY, VIZAG | RESEARCH INTERN

1 January 2025 – 26 January 2025 | Vizag, Andhra Pradesh

- Focused on acquiring in-depth knowledge of data analysis, machine learning to prepare for the project.
- Strengthened expertise in Python, ML modeling and experimental design to ensure readiness for dataset analysis.
- Collaborated with faculty members to outline the research framework and understand project requirements.

## PROJECTS

### KEYLOGGER: WITH E-MAIL FUNCTIONALITY | PYTHON DEVELOPMENT

2024

- Developed a keylogger application that captures keystrokes and sends an email at a specified interval containing recorded keystrokes and specific keywords.
- Integrated SMTP email functionality to send encrypted logs to a designated address at scheduled intervals.
- Implemented stealth mode (minimized UI, background execution) and user consent checks for ethical testing.

### LOG CLASSIFICATION FOR SECURITY ANALYSIS | MACHINE LEARNING

2025

- Built a log-label classifier using Naive Bayes SVM Classifier. achieving an Accuracy Score of 79.
- Performed SHAP analysis to explain model predictions and identify key malicious indicators.
- Visualized trends using Matplotlib/Seaborn to compare model performance.

### TELECOM CUSTOMER CHURN PREDICTION | MACHINE LEARNING

2024

- Developed a machine learning model to predict customer churn for a telecom company, improving customer retention strategies.
- Performed extensive Exploratory Data Analysis (EDA) to understand patterns and trends in customer behavior.
- Applied Random Forest and Decision Tree algorithms to achieve high accuracy in churn prediction.

## CERTIFICATIONS

- **Artificial Intelligence Fundamentals** by IBM
- **CIT Participation Certificate** by Internship Studio
- **Java Programming Fundamentals Certification** by Great Learning

## SKILLS

### PROGRAMMING

Proficient:

Java • Python • SQL

Familiar:

C++ • Shell Scripting

### OPERATING SYSTEMS

• Windows • Linux

### LIBRARIES/Frameworks

• Scikit-learn • TensorFlow • Numpy • Pandas

### TOOLS/PLATFORMS

• Figma • MySQL  
Canva • Google Colab • Jupyter

## EDUCATION

### BML MUNJAL UNIVERSITY

BACHELOR OF TECHNOLOGY IN  
COMPUTER SCIENCE

Aug 2023 - Present | Gurugram, Haryana  
School of Engineering and  
Technology

Cum. GPA: 7.37/ 10.0

### B.R. GYAN DEEP SR. SEC. SCHOOL

12TH GRADE

2021 - 2022 | Mahendragarh, Haryana  
Higher Secondary School

Certificate 83.4 %

## HOBBIES/INTEREST

- Play with AI.
- Chess/Strategy games.