

# Mohd Yusuf Ali

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Location: Prayagraj, India

## EDUCATION

United College of Engineering and Research, Prayagraj	2022 – Present
Bachelor of Technology in Computer Science and Engineering	CGPA: <b>8.08</b>
Government Inter College, Prayagraj	2021
Senior Secondary (U.P. Board)	<b>70.40%</b>
Government Inter College, Prayagraj	2019
High School (U.P. Board)	<b>82.00%</b>

## TECHNICAL SKILLS

**Languages:** C++, Java, Python  
**Cloud Services:** AWS (EC2, S3, IAM)  
**Tools:** Git, SQL, Jupyter, MATLAB  
**ML & AI:** Supervised/Unsupervised Learning, CNNs, RNNs, TensorFlow, Keras, Scikit-learn  
**Data Technologies:** Pandas, NumPy, OpenCV, NLP, Data Visualization  
**Software Development:** OOP, Java Applications, Tkinter GUI  
**DSA:** 600+ problems on LeetCode, GeeksforGeeks Workshop  
**Soft Skills:** Problem Solving, Collaboration, Time Management

## PROJECTS

<b>Space Weather Storm Predictor</b>	<i>Python, XGBoost, Streamlit</i>
<ul style="list-style-type: none"><li>Built a predictive model using <b>XGBoost</b> on geomagnetic indices (Kp1–Kp8, AE, AL).</li><li>Deployed with a responsive <b>Streamlit</b> app and reproducible pipeline.</li></ul>	
<b>Smart Presence – Face Attendance System</b>	<i>OpenCV, Tkinter</i>
<ul style="list-style-type: none"><li>Real-time facial recognition using <b>OpenCV</b> and <b>face_recognition</b>.</li><li>GUI-enabled attendance logging with CSV export and session history.</li></ul>	
<b>SMS/Email Spam Classifier</b>	<i>Scikit-learn, NLP</i>
<ul style="list-style-type: none"><li>Engineered an NLP pipeline using <b>TF-IDF</b> and <b>Naive Bayes</b>.</li><li>Delivered with an intuitive GUI for real-time prediction.</li></ul>	
<b>Hospital Management System</b>	<i>Java, java.io</i>
<ul style="list-style-type: none"><li>Developed file-based patient and doctor management system using core Java.</li></ul>	
<b>Face Recognition System</b>	<i>Python, FaceNet, CNNs</i>
<ul style="list-style-type: none"><li>Achieved robust identity verification using <b>CNN embeddings</b> and <b>FaceNet</b>.</li></ul>	

## CERTIFICATIONS

- Offline DSA Workshop** – GeeksforGeeks (1 Month, 2025)
- C++ Programming – Udemy
- Java Programming (Beginner to OOP) – Udemy
- Machine Learning – Growth Ninja
- LeetCode – **600+ problems solved**

## POSITIONS OF RESPONSIBILITY

**Tech Fest Volunteer – UCER, Prayagraj**

Assisted in managing coding events and mentored juniors in **DSA** and **C++ fundamentals**.