

# Muntimadugu Rehan Haneef

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## Professional Summary

A proactive and results-driven AI and Data Science student with a passion for solving real-world problems through data-driven approaches. Experienced in machine learning, full-stack development, and cloud computing. Strong leadership skills with a track record of optimizing workflows and driving strategic decisions.

## Skills

- **Programming Languages:** Python, C, Java, SQL, R
- **AI & Data Science:** Machine Learning, Data Analysis, Deep Learning, Predictive Modeling
- **Tools & Technologies:** Tableau, AWS, GCP
- **Full-Stack Development:** Python, Java, Django, SQL
- **Leadership & Problem-Solving:** Strategic Planning, Team Supervision, Time Management

## Work Experience

**Online Machine Learning Intern**, Prodigy InfoTech, Online

May 2024

- Performed data preprocessing, feature engineering, and hyperparameter tuning to enhance model performance.

## Education

- **Koneru Lakshmaiah Education Foundation (Deemed To Be University)** — Guntur, Andhra Pradesh  
B.Tech in Artificial Intelligence & Data Science  
CGPA: 9.32/10  
Expected Graduation: May 2026
- **Sri Chaitanya Co-ed College** — Vijayawada, Andhra Pradesh , Intermediate (MPC) - April 2022
- **Ravindra Bharathi (EM) School** — Mangalgiri, Andhra Pradesh , SSC - April 2020

## Certifications

- **Salesforce Certified AI Associate** – [Certificate Link](#)
- **Google Cloud Engineering Certificate** -[Certificate Link](#)
- **IBM Python IBMCE CEPYT1IN Certificate** – [Certificate Link](#)
- **Aviatrix Multicloud Network Associate** -[Certificate Link](#)

## Projects

### Serverless Data Analytics Pipeline using AWS

*AWS, React*

- Designed and implemented a real-time data analytics pipeline using AWS services including Lambda, Kinesis, S3, and DynamoDB.
- Leveraged FakerBot to simulate streaming data, ensuring continuous data flow for testing and visualization.
- Developed a dynamic React dashboard to display real-time metrics using API Gateway and Lambda integrations.

### Online Examination Portal

*Full-Stack Development (Python)*

- Developed a full-stack online examination system with authentication, session handling, and role-based access control for admins, teachers, and students.
- Implemented secure database management and optimized backend workflows for enhanced user experience.

### Moodify - Emotion-Based Music Recommendation System

*AI/ML, OpenCV (Python)*

- Created an AI-driven music recommender using facial emotion recognition.
- Integrated OpenCV and ML models to analyze user expressions for playlist curation.
- Showcased expertise in AI, computer vision, and developing personalized user interactions.

## Languages

English, Hindi, Telugu

## Hobbies

- AI/ML Research, Music, Gaming, Chess