

# MOHAMMED NOUMAN AHMED

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## EDUCATION

### B.E. in Computer Science & Engineering (Data Science)

Dec 2021 – Aug 2025

Osmania University, Hyderabad | CGPA: 7.63 / 10

## EXPERIENCE

### Data Science Intern

Aug 2025 – Nov 2025

Full Stack Academy, Hyderabad

- Performed data cleaning and preprocessing on real-world datasets using Python (Pandas, NumPy)
- Conducted exploratory data analysis (EDA) to uncover trends, outliers, and actionable insights
- Built and evaluated machine learning models including classification and regression algorithms
- Created interactive data visualizations and dashboards using Matplotlib and Power BI

### AWS Cloud Intern

Aug 2023 – Sep 2023

SAMFAS Labs, Hyderabad

- Assisted in cloud-based project management tasks and team coordination on AWS infrastructure
- Gained hands-on exposure to AWS services including EC2, S3, and deployment fundamentals

## TECHNICAL SKILLS

**Languages:** Python, SQL, JavaScript

**Data Analysis:** Pandas, NumPy, EDA, Data Cleaning, Feature Engineering

**Visualization:** Matplotlib, Seaborn, Power BI

**Machine Learning:** Scikit-learn, CNN (TensorFlow/Keras), Model Evaluation

**Web Development:** HTML5, CSS3, JavaScript, Responsive Design

**Tools & Cloud:** Excel, AWS Basics, Git, GitHub, Jupyter Notebook, VS Code

## PROJECTS

### Food Recognition & Calorie Estimation Using AI

Feb 2025 – Jul 2025

Group Project · Lords Institute of Engineering and Technology

- Built a CNN-based deep learning system to classify food items from images and estimate calorie content
- Developed full pipeline: data augmentation, model training, validation, and a Flask web interface

### AI-Based FAQ Chatbot with Voice Assistance

Jan 2024 – Apr 2024

Group Project · Lords Institute of Engineering and Technology

- Developed an NLP-powered chatbot answering FAQs with speech recognition and text-to-speech output
- Implemented intent classification, fallback handling, and a browser-based chat interface

### Smart AI-Based Online Proctoring System

- Built a real-time computer vision system for exam monitoring using face detection and gaze tracking
- Flagged suspicious activity (absence, multiple persons) with timestamped event logging

Additional Projects: Dog Breed Detection Using AI · Sales Data Analysis Dashboard (Power BI/Excel) · E-commerce Customer Behavior Analysis · Financial Data Reporting Dashboard · Chatroom Application · Custom Resume Builder

## CERTIFICATIONS

- Data Science with AI Internship — Full Stack Academy (Aug–Nov 2025)
- Python for Data Science A-Z: EDA With Real Exercises — Udemy (Nov 2024)
- Machine Learning & Data Science Real Life Projects — Udemy (Nov 2024)