

Mohammed Yaseen

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Education

B.Tech in Artificial Intelligence and Machine Learning

Institute of Aeronautical Engineering (IARE), Hyderabad | 2022 – 2025
CGPA: 7.71

Diploma in Computer Engineering (SCP)

Government Institute of Electronics (G.I.O.E), Hyderabad | 2019 – 2022
Board: State Board of Technical Education and Training (SBTET) | Percentage: 80%

SSC (10th Class)

St. Patrick's High School, Hyderabad | 2017 – 2018
Board: State Board of Secondary Education, Telangana | GPA: 8.0

Skills

Languages: Python, C++

Libraries & Tools: Pandas, NumPy, Scikit-learn, TensorFlow, Keras, Matplotlib, Seaborn, XGBoost

Others: Git, Jupyter, Streamlit, Flask, HTML, CSS, JavaScript, GSAP, AWS (EC2, S3, Lambda), Arduino, Raspberry Pi

Projects

Marine Biodiversity Data Analysis (Python, Pandas, Seaborn, Matplotlib)

Analyzed open-source marine datasets to understand biodiversity trends using heatmaps and statistical methods.

Deep Learning Fashion Trend Analysis (Python, Selenium, ResNet50, NLP, K-Means)

Scraped Instagram data to extract fashion trends using deep learning and clustering.

Ocean Temperature Forecasting (Python, XGBoost, Scikit-learn, Matplotlib)

Trained regression models on oceanic data to predict temperature trends, evaluating results with RMSE.

Additional Projects

- AWS Cloud Infrastructure Setup – Deployed cloud solutions using EC2, S3, Lambda during NSIC internship.
- Portfolio Website – Built animated responsive site using GSAP, HTML, CSS, and JavaScript.

- Daily AI/ML Log – Maintained structured GitHub log of concepts and code for continuous learning.

Extracurriculars & Certifications

- Participated in multiple AI/ML webinars and tech hackathons.
- Member of the college tech club and volunteer for environmental events.
- Certifications in Python, Data Science, and Deep Learning (LinkedIn, Coursera).