**Syed Danish Ali**

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**Location: Hyderabad**

**PROFILE SUMMARY:**

Final-year Computer Science Engineering student specializing in Artificial Intelligence and Machine Learning. Strong foundation in Machine Learning, Data Science, and Software Development with hands-on experience in AI-driven projects, data analytics, and web development. Seeking to pursue an MSAI in the US with a focus on AI research and real- world applications.

**EDUCATION:**

Bachelor of Engineering (B.E.) in Computer Science & Engineering (Artificial Intelligence & Machine Learning)

Lords Institute of Engineering and Technology, Hyderabad | Expected 2025

Relevant Coursework: Machine Learning, Deep Learning, Artificial Intelligence, Data Structures & Algorithms, Python Programming, Database Management Systems, Robotics Process Automation, Web Technologies.

Diploma in Electronic Communication Engineering

Mahaveer Institute of Science and Technology, Hyderabad | 2022

Project: Smart Highway Light with Auto Control System

10th (SSC), Shadan Group of Modern School, Hyderabad | 2019

**TECHNICAL SKILLS:**

**Programming Languages:** Python, Java, ANSI SQL, HTML, CSS, JavaScript

**Data Science & Machine Learning:** Supervised & Unsupervised Learning, Data Preprocessing, Data Visualization

**Tools & Libraries:\***\* scikit-learn, Pandas, NumPy, Matplotlib, Seaborn

**Databases:** MySQL, PostgreSQL

**Development:** Front-end (HTML, CSS, JavaScript), Back-end (Python, PHP)

**Platforms:** Windows, Ubuntu, macOS

**Languages:** English, Hindi, Urdu

**PROJECTS:**

Scrutinizing Machine Learning Models for Cancer Prediction (B.E. Major Project, 2025)

Developed and compared ML models (Random Forest, SVM, Decision Tree) to predict lung cancer using patient health data.

Performed data preprocessing, visualization (Matplotlib, Seaborn), and evaluation using accuracy, precision, recall, and F1-score.

Technologies: Python, scikit-learn, Pandas, Matplotlib, Seaborn

**Identifying Hot Topic Trends in Streaming Text Data (B.E. Minor Project, 2024)**

Built a real-time text stream analysis model to identify trending topics with 95% accuracy.

Optimized algorithms to reduce processing time for trend identification by 25%.

Technologies: Python, NLP, Data Processing

**La Liga Forwards Performance Analysis (2025)**

Conducted a comparative analysis of legendary La Liga forwards based on goals, assists, and titles.

Developed a custom scoring system and visualized results using radar and bar charts.

Technologies: Python, Pandas, Matplotlib

**Weather Scraper: Real-Time Weather Forecasting Web Application (2024)**

Created and hosted a full-stack web application to display real-time weather data using Open Weather Map API.

Developed a responsive front-end and dynamic search suggestions using JavaScript and AJAX.

**Technologies:** HTML, CSS, JavaScript, PHP, Open Weather Map API

**INTERNSHIPS & INDUSTRY EXPERIENCE:**

**Python Developer Intern - DATAPOINT Info Solution (Aug 2023 – Sep 2023)**

* Developed Python-based applications with back-end data handling using ANSI SQL.
* Optimized data processing scripts, reducing analysis time by 30%.
* Contributed to front-end components using HTML, CSS, and JavaScript.

**Industrial Training - Linkwell Telesystems Pvt. Ltd. (Feb 2022 - May 2022)**

* Worked with EPOS systems, RFID applications, and smart card technology.
* Assisted in production optimization, reducing downtime by 10%.
* ACHIEVEMENTS & EXTRACURRICULARS
* Successfully hosted and maintained a real-time weather forecasting website.
* Active contributor to open-source projects and tech blogging.
* I am passionate about AI research, football, cricket, and video games.