SYED DANISH ALI

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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. Experienced in industry training and internships with hands-on project development.

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

1. 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

2. 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

3. 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

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

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

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

- **Technologies:** HTML, CSS, JavaScript, PHP, OpenWeatherMap 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.

- Passionate about AI research, football, cricket, and video games.