

# Syed Danish Ali

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## Summary

Aspiring AI and Machine Learning Engineer currently pursuing a Bachelor of Engineering in Computer Science with a specialization in Artificial Intelligence and Machine Learning, expected to graduate in 2025. Strong interest in applied machine learning, data analysis, and intelligent systems, supported by academic coursework and project-based research. Aims to contribute to research-driven and industry-relevant AI solutions while continuing to develop advanced technical expertise.

## Experience

Aug 2023- Sep 2023

### Python Developer (Intern)

Data Point Info Solutions

As a Python Developer Intern at Data Point Info Solutions Internship, 2023, I was responsible for developing and implementing Python-based solutions. My key tasks included writing clean, efficient code and debugging applications. This role enhanced my programming skills and knowledge of software development methodologies.

Jan 2022-May 2022

### Customer Care Engineer

Visiontek Linkwell Telesystems Pvt. Ltd.

As a Customer Care Engineer Intern at Visiontek Linkwell Telesystems Pvt. Ltd. Apprenticeship, 2022, I was responsible for managing customer inquiries and technical support. I utilized strong communication and problem-solving skills to address customer issues effectively. My role involved troubleshooting and providing solutions, ensuring customer satisfaction and efficient issue resolution.

## Education

2022- 2025

### Lords Institute of Engineering and Technology LIET, Telangana

Graduation • BE Bachelor of Engineering • Artificial Intelligence and Machine Learning Engineering  
CGPA - 8.3

I am a recent B.E. graduate in Computer Science and Engineering with a specialization Artificial Intelligence and Machine Learning Engineering at Lords Institute of Engineering and Technology LIET, Telangana. My coursework is focused on developing expertise in AI and machine learning principles and applications, providing me with a strong foundation in this rapidly evolving field.

2019- 2022

### Mahaveer Institute of Science & Technology

Graduation • Diploma in Engineering • Electronics and Communication CGPA - 6.93

I hold a Diploma in Engineering, specializing in Electronics and Communication, from Mahaveer Institute of Science & Technology. My studies from 2019 to 2022 provided me with a solid foundation in core engineering principles and practical applications within the electronics and communication domain, preparing me for a career in this dynamic field.

## Certification

Google - AI Essential

OneRoadmap – AI Engineer

# Skills

## Languages & Frameworks

[Python](#) | [SQL](#) | [HTML/CSS/JS](#) | [Flask](#) | [Django](#) | [PHP](#) | [MATLAB](#)

## ML & Data Science

[Machine Learning](#) | [Deep Learning](#) | [NLP](#) | [scikit-learn](#) | [TensorFlow](#) | [PyTorch](#) | [Pandas](#)

## Data & Analytics

[Excel](#) | [Power BI](#) | [Tableau](#)

## Embedded & IoT

[Embedded Systems](#) | [Arduino](#) | [IoT](#)

## Tools & Platforms

[Git & GitHub](#) | [API Integration](#)

# Publications

## Evaluating Cancer Prediction Machine Learning Models

 Dec 2024 - Apr 2025

This work explores the use of machine learning algorithms like Random Forest, KNN, SVM, Decision Tree, and K-Means to improve lung cancer prediction, and compares multiple models to identify the most effective approach.

# Projects

## Silver Price Prediction – India

 Jan 2026

An end-to-end machine learning project to predict silver prices for the Indian market.

## Fully Fine-Tune a Small Language Model (Gemma 3 270M)

 Jan 2026


This project demonstrates **Supervised Fine-Tuning (SFT)** of a Small Language Model (SLM) for a specific task: extracting food and drink items from text. The fine-tuned model can process text inputs and return structured data about food/drink content.

## RAG API Using FastAPI

 Dec 2025


A lightweight **Retrieval-Augmented Generation (RAG)** API built with FastAPI, ChromaDB, and Ollama. Query your knowledge base with natural language and get intelligent responses powered by local LLMs.

## Identifying Hot Topic Trends in Streaming Text Data (B.E. Minor Project)

 Dec 2023 - Apr 2024


Built a real-time text stream analysis system to detect trending topics with 95% accuracy while optimizing algorithms to reduce processing time by 25%. Technologies used include Python, NLP, and data processing techniques.

## Premier League Match Prediction System

 May 2024 - Aug 2025

Developed a machine learning system to predict football match outcomes using historical data and team statistics. Engineered features for team strength and form, trained a Random Forest model to generate probability estimates, and automated multi-season data collection.

## La Liga Forwards Performance Analysis

 Sep 2024 - Jan 2025

Performed a comparative analysis of legendary La Liga forwards based on goals, assists, and titles. Developed a custom scoring system and visualized insights using radar and bar charts with Python, Pandas, and Matplotlib.