

# Mohd Shahnawaz Aadil

shahnawazaadil7@gmail.com • +91 9848832432 • Hyderabad, India • [linkedin.com/in/shahnawazaadil/](https://www.linkedin.com/in/shahnawazaadil/) • [github.com/shahnawazaadil7](https://github.com/shahnawazaadil7)

## EDUCATION

**Lords Institute of Engineering and Technology**  
*Bachelor of Engineering in Computer Science and Data Science*  
▪ CGPA: 9.1/10.0

**Nov 2021 - Jun 2025**  
Hyderabad, India

**Indian Institute of Technology, Madras**  
*Bachelor of Science in Data Science and Applications*  
▪ Discontinued IITM program due to NEP's offline enrollment clause, choose to focus on skill development with my offline degree.

**Discontinued**  
Hyderabad, India

## WORK EXPERIENCE

**IBM SkillsBuild AI-ML Internship**  
*AI-ML Intern*  
▪ Completed an internship with IBM, attending live master classes on machine learning and AI.  
▪ Worked on a project involving preprocessing historical global temperature data, building a linear regression model ( $R^2 = 0.72$ ), and recommending real-time data integration for better alignment with SDG objectives.

**Oct 2024 - Nov 2024**  
Hyderabad, India

**Touch Point**  
*Business Analyst Intern*  
▪ Developed expertise in data analysis and visualization with Excel, leveraging EDA to uncover key business trends.  
▪ Translated data insights into actionable recommendations, driving process optimization.

**Aug 2023 - Nov 2023**  
Hyderabad, India

## PROJECTS

**Signify AI: Interactive Hand Sign Recognition and Learning Platform**  
▪ Developed a hand sign recognition website with 98% accuracy for real-time English translation using dense neural networks and Mediapipe hand landmarks (**Smart India Hackathon 2024**).  
▪ Created an interactive module with games to support accessible and engaging learning of sign language.

**Space Y Launch Viability Analysis**  
▪ Developed a market competitiveness analysis model for Space Y against SpaceX, focusing on launch cost optimization and identifying key success factors and locations.  
▪ Built a Decision Tree Classifier with 87% accuracy (94% on test data) to predict rocket landings, using data from web scraping, SpaceX API, and EDA.

**Precision Weather Forecasting with Machine Learning**  
▪ Predicted 2018 temperatures with 95% accuracy using Decision Tree and Gradient Boosting on 1901-2017 weather data.  
▪ Secured **2nd place** in a Kaggle competition by TensorFlow User Group Hyderabad.

## CERTIFICATIONS, SKILLS & INTERESTS

- Certifications:**
  - Applied Data Science Capstone
  - Professional Data Science Certificate
  - Data Science For Engineers
  - Machine Learning with Python
  - Scientific Computing using Python
  - Real Life Machine Learning
  - R for Data Science
  - Databases and SQL
- Skills:**
  - **Programming Languages:** Python, R, SQL, Java (Basic), HTML (Basic), CSS(Basic)
  - **Machine Learning & AI:** Machine Learning, Deep Learning, Neural Networks, Natural Language Processing (NLP), Computer Vision
  - **Data Analysis & Visualization:** Predictive Analytics, Exploratory Data Analysis (EDA), Business Analytics
  - **Tools & Technologies:** Git, Tableau, Excel, Flask, Django
- **Interests:** Esports, Graphic Designing, Video Editing, Cricket, Gym.