# Sk Noor Alam

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✉️ Email | 🌐 LinkedIn | 🧠 Portfolio | ⬛ GitHub

## Career Objective

A data science professional with robust foundation from IIT Madras in data science, machine learning and programming. Skilled in Python, SQL, ML techniques, with hands-on experience. Eager to contribute to real-world business insights and data solutions by leveraging technical skills, analytical thinking, and a continuous learning mindset in a dynamic data science role.

## Technical Skills

- **Languages:** Python, SQL, Bash, Java, JavaScript, HTML/CSS
- **Tools:** VS Code, Jupyter, Anaconda, Git, Postman, Excel, Dev Tools.
- **Libraries:** Pandas, NumPy, BeautifulSoup, Scikit-learn etc.
- **Data Visualization:** Matplotlib, Seaborn, Excel
- **Database:** SQLite
- **Machine Learning:** Regression, Classification, Clustering, Feature Engineering
- **Frameworks:** VueJS, Flask, REST API

## Education

🎓 **Indian Institute of Technology, Madras – Chennai, India**
**BS in Data Science and Application** (2023-2027, Ongoing)
CGPA: 8.62

- **Coursework***: ML (SVM, Decision Trees, Neural Networks, Unsupervised Learning), Business Analytics, Tools in DS*

🎓 **Indian Institute of Technology, Madras – Chennai, India**
**Diploma in Programming** ( Apr 2025)
CGPA: 9.11

- **Coursework:** Full Stack Web (VueJS+Flask), SQL, Database Management, Data Structures & Algorithms (Python), Programming Concept (Java), System Command (Linux)

🎓 **Indian Institute of Technology, Madras – Chennai, India**
**Diploma in Data Science** ( Aug 2025)
CGPA: 8.56

- **Final capstone project pending**
- **Coursework:** Regression, Classification, Clustering, Business Analytics, PCA, ANOVA

🎓 **University of Calcutta – Kolkata, India**
**Bachelor of Science in Physics, Chemistry, Mathematics** (2017-2020)

- **Percentage**: 54.6 %

## Projects

- *Web Development:*
  - **Library Management System** – *A multi-users web application built to manage e-books.*
  - **Sponsorship Management** – *A web platform connecting Sponsors and Influencer for product and service promotion.*
- *Data Science:*
  - **System Threat Forecasting** – *Detect malware in a machine based on machine features (input features).(best scores using XGBoost and LightGBM)*
  - **Auto Data Analysis & Storytelling** – *Analyze dataset in csv format, write the analyze report, send the report to LLM (need paid API token) and generate summary of the data.*

## Certifications & Achievements

- Implementing AI using Azure — IIT Madras BS degree program | January, 2025
- Quantageddon Hackathon: Predicting stock market returns | January, 2025

## Languages

English, Hindi, Bengali