# Shoeb Raza

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**[LinkedIn](#) | [LeetCode](#) | [GitHub](#)**

## Summary

- Motivated Python Developer with a solid foundation in Data Structures & Algorithms (DSA), Data Analysis, and Web Development. Proficient in Python, SQL, Pandas, NumPy, and Matplotlib, with hands-on experience in Django. Eager to apply problem-solving skills and continue learning in real-world projects.

## Skills

- **Languages:** Python, C, C++, SQL.
- **Platforms/IDEs:** PyCharm, Jupyter Notebook, Visual Studio Code
- **Data Structures & Algorithms (DSA)**
- **Technologies & Tools:** Django, NumPy, Pandas, Matplotlib, MySQL, PostgreSQL, HTML, CSS, Machine Learning, Git

## Project Work

- **Email Spam Classifier: [GitHub Link](#)**
  Built a machine learning model to classify emails as spam or non-spam using Naive Bayes and Logistic Regression. Applied text preprocessing techniques like cleaning, tokenization, and TF-IDF vectorization.
  **Tools & Technologies:** Python, Pandas, Matplotlib, Seaborn, Scikit-learn, NLTK, Streamlit**.**

- **Olympics Data Analysis: [GitHub Link](#)**
  Analyzed historical Olympic datasets, performing EDA to clean, visualize, and identify trends in athlete demographics, event types, and medal counts. Applied feature engineering to create new variables like performance ratios for improved insights.
  **Tools & Technologies:** Python, Pandas, NumPy, Matplotlib, Seaborn.

- **IPL-Data Analysis: [GitHub Link](#)**
  Analyzed IPL data to uncover insights on player performance, team strategies, and match outcomes. Utilized data visualization and statistical techniques to explore trends like run rates, batting averages, and bowling efficiencies.
  **Tools & Technologies:** Python, Pandas, Matplotlib, Seaborn, NumPy.

- **Library Management System:**
  Designed a system to efficiently manage library resources and improve administration workflow.
  **Tools & Technologies:** Python, Django, HTML, CSS, MYSQL

## Education

- **Sharda University**                                                                                   *Aug 2023 – Present*

  Master of Computer Applications (MCA) *(Pursuing)*

  Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms

- **Jamia Hamdard University | CGPA: 7.06**                                            *Aug 2019 – May 2022*

  Bachelor of Computer Applications (BCA)

  Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms

## Certifications

- **Python with Data Structures and Algorithms -** Code and Debug  **[CERTIFICATE](#)**
- **Geoprocessing Using Python** – ISRO  **[CERTIFICATE](#)**
- **Introduction to Natural Language Processing -** Infosys Springboard **[CERTIFICATE](#)**
- **Deep Learning for Developers -** Infosys Springboard  **[CERTIFICATE](#)**
- **Information Security** – Great Learning  **[CERTIFICATE](#)**
- **Python Programming** – Guvi **[CERTIFICATE](#)**