Sidrah Rashid

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📍 Kolkata, West Bengal, India

Career Objective

Enthusiastic B.Sc. Data Science 3rd year student with strong foundation in Python programming and data handling. Seeking internship opportunities to apply programming, technical and problem-solving skills while gaining practical experience, real-world applications in data and AI/ML fields and contribute to solving analytical challenges.

Education

Data Science (B.Sc)

Institute of Leadership, Entrepreneurship and Development-iLEAD

Kolkata, West Bengal

Full-time | September 2023 to Present

Scored: CGPA: 8.04

- o **Relevant Coursework**: Statistics, Python Programming, Linear Algebra, Probability, Data Science Fundamentals

12th Pass

 St. John's Diocesan Girls H.S School

Kolkata, West Bengal

WBCHSE board| English medium

Passing year: 2023 | **Scored:** 78%

Skills

- o **Programming:** Python (loops, functions, OOP, file handling)
- o **Data Science Tools:** Pandas, NumPy, Matplotlib, Flask
- o **Databases:** Learning SQL (basic queries, joins, aggregation)
- o **Other Tools:** Jupyter Notebook, Git/GitHub, Excel (formulas, charts)
- o **Interests:** Data Analytics, Machine Learning (beginner level), Jupyter Notebook, Microsoft Office (MS Ecxel, MS Word, MS PowerPoint), Power BI (beginner)

Projects

- o **Timed Math Challenge (Python):** Designed an interactive quiz generator using random operators and scoring logic.
- o **Multiplayer Dice Game**: Python, OOP
- o **Flask Quiz Game (Pygame app)**: GitHub Link: https://github.com/SidrahRashid/quiz-app

- o **Password Manager** using cryptography library: https://github.com/SidrahRashid/password-manager
- o **SECURE FEDERATED REINFORCEMENT LEARNING FOR PERSONALISED DRUG RECOMMENDATION** (project for Research Paper, beginner level)
- o **Python-based AI Chatbot powered by Google Gemini API :** GitHub Repo Link: https://github.com/SidrahRashid/llm-chatbot
  Render Deployed Link: https://my-ai-chatbot-ykdz.onrender.com/
- o **Fraud Detection Case:** Data science, sklearn, pandas, numpy, matplotlib, seaborn, EDA Github Repo Link: https://github.com/SidrahRashid/fraud-detection-using-ML
- o **Period Tracker:** using HTML, CSS and Flask with account protection (hosted globally using python anywhere)
  Link: peiod tracker link
  Github Repo Link: https://github.com/SidrahRashid/periodtracker

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Certifications

- o **Python Bootcamp** – Udemy
- o **Data Analysis Workshop** by the Inter University Centre for Astronomy and Astrophysics (IUCAA) at National Students' Space Challenge (NSSC) at IIT Kharagpur
- o Participated in the **Student Bootcamp on 'IOT Security'**, organised by Department of CSE, Maulana Abul Kalam Azad University of Technology (MAKAUT), West Bengal under the Information Security Education and Awareness (ISEA) Phase III project, sponsored by the Ministry of Electronics and Information Technology, Govt. of India.
- o Participated in one day seminar **"Emerging Trends in AI".**
- o Presented a Research Paper in titled **"SECURE FEDERATED LEARNING FOR PERSONALISED DRUG RECOMMENDATION: A MULTI MODAL PATIENT HISTORY APPROACH"** in CSE, IT and AI, ML & IoT in the 15th Inter University Engineering, Science & Technology Academic Meet 2025 & Innovative Model Competition for a Sustainable Society organised by Forum of Scientists, Engineers and Technologists **(FOSET)** in Swami Vivekananda Institute of Science and Technology.

Activities & Achievements

- o **Smart India Hackathon (SIH) Internal Hackathon – 2nd Runners up,** September 2024.
- o Presented a Research Paper in titled **"SECURE FEDERATED LEARNING FOR PERSONALISED DRUG RECOMMENDATION: A MULTI MODAL PATIENT HISTORY APPROACH"** in Computer Science & Engineering, Information Technology and AI, ML & IoT in the 15th Inter University Engineering, Science & Technology Academic Meet 2025 & Innovative Model Competition for a Sustainable Society organised by Forum of Scientists, Engineers and Technologists (FOSET) in Swami Vivekananda Institute of Science and Technology.
- o Assisted in organizing tech-related events.
- o Participated in coding challenges and workshops.
- o Attended **National Student Space Challenge (NSSC) at IIT Kharagpur** held from 8th to 10th Nov, 2024.
- o Participated in **BIZZ IQ event of BIZZ VERSE'24** under INSTITUTION'S INNOVATION COUNCIL (Ministry of HRD Initiative).