

# SANIYA SHAIKH

## DATA SCIENCE INTERN(BTECH 3<sup>RD</sup> YEAR STUDENT)

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### SUMMARY

Aspiring Data Scientist with strong analytical skills. Currently pursuing BTech in Artificial Intelligence and Data Science (3rd Year) with hands-on experience in Python, SQL, Machine Learning, Data Visualization, and backend development using JDBC. Demonstrated ability to work on projects involving healthcare analytics, database management, and web application development .

### TECHNICAL SKILLS

#### PROGRAMMING:-

- JAVA
- Python
- R
- SQL

#### DATA SCIENCE TOOLS:

- NUMPY
- SCIKIT-LEARN
- PANDAS
- MATPLOTLIB
- SEABORN

#### MACHINE LEARNING:

- UNSUPERVISED LEARNING
- SUPERVISED LEARNING
- MODEL EVALUATION

#### DATABASES:

- MYSQL
- PL/SQL

#### WEB DEVELOPMENT:

- STREAMLIT
- FLASK
- CSS/HTML

### PROJECTS

#### Energy Consumption Optimization using Smart Grid and IOT device -DSS project

Jan 2025 - April 2025

- Developed an energy consumption optimization system using smart grids and IoT data with data cleaning, Power BI visualization, and insight generation for efficient energy usage.

#### Hotel Reservation System-JDBC project

March 2025

- Developed a Hotel Reservation System using JDBC with CRUD operations for room bookings, database integration, and exception handling for invalid or duplicate reservations.

#### Rescue Shield: AI-Powered Disaster Management System

Feb 2025 -April 2025

- Developed a disaster management software covering floods, earthquakes, and wildfires using React.js, Flask, and MySQL, featuring real-time disaster prediction, live weather alerts, and an interactive vulnerability index dashboard.
- Integrated authentication, dynamic heat maps, and disaster reporting with AI-driven validation based on India's Disaster Organization criteria.

### EDUCATION

#### BTECH -ARTIFICAL INTELLIGENCE AND DATA SCIENCE

AUG 2023-JUNE 2027

VISHWAKARMA UNIVERSITY ,PUNE

- CURRENTLY CGPA -8.1

#### SENIOR SECONDARY (12<sup>TH</sup> GRADE )

Aug 2021-May2023

HHCP JR. COLLEGE ,PUNE

- GRADE-72%

#### SECONDARY (10<sup>TH</sup> GRADE )

completed in 2021

DSK SCHOOL (ICSE BOARD)

- GRADE-90%

### ADDITIONAL INFORMATION

- **Key skills :** Communication Skills, Speaking skills ,Problem Solving
- **Awards/Activities:** Silver medal in Nissan Case study competition(2011-2025 crisis) -2025