MEHRINBANU SAIYED

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SUMMARY

Motivated Bioengineering undergraduate with a strong foundation in biosciences and computer science. Skilled in lab techniques, data analysis, and programming, seeking a Data Analyst role in data-driven industries, including biotech, research, and agriculture, to apply interdisciplinary knowledge to real-world challenges.

EDUCATION

Bachelors of Technology in Bioengineering 2022-2026

Vellore Institute of Technology, Bhopal(VIT Bhopal)
CGPA : 9.28

Class XII 2022

Ankur Higher Secondary School
Percentile : 89.24

Class X 2020

Ankur Higher Secondary School
Percentile : 98.75

PROFESSIONAL EXPERIENCE

Gujarat Energy Research and Management Institute (GERMI) Nov 2024 - Jan 2025

- Worked as Research Intern for the research project ***"Enhancing Oil Spill Remediation through Bioremediation: A Study on Site-Specific and Cross-Site Bacterial Consortia."***
- Performed lab experiments and data analysis to evaluate degradation efficiency and microbial interactions.
- Gained hands-on experience in environmental biotechnology, microbial culturing, and field data interpretation.

SKILLS

- **Technical Skills** : Python, Java, R, MATLAB and Microsoft Excel.
- **Laboratory Skills :** Aseptic Techniques & Sterile Handling,Cell Culture and Maintenance, DNA/RNA Extraction and Purification, Polymerase Chain Reaction (PCR), Autoclaving and Laboratory Safety Procedures.
- **Soft Skills :** Time management, Problem solving, Proficient communication skills and creativity.
- **Languages :** English, Hindi and Gujarati

PROJECT

Molecular Docking Study of Withania somnifera Compounds Against SARS-CoV-2 Proteins :
Docked compounds using AutoDock and visualized results with Chimera X to identify potential COVID-19 therapeutics.

CERTIFICATES

- Python Programming from NPTEL
- Applied Machine Learning using Python from Coursera