



Vidhya Thakre

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Education

- **Maulana Azad National Institute of Technology** Bhopal, India
Bachelor of Technology - Chemical Engineering; GPA: 8.14 (Till 6th Sem) Dec 2021 - Present
- **Bhel Vikram Higher Secondary School,(CBSE)** Bhopal, India
12th; Percentage: 94.2% 2021
- **Bhel Vikram Higher Secondary School,(CBSE)** Bhopal, India
10th; Percentage: 91.8% 2019

Experience

- **Bharat Heavy Electricals Limited (BHEL)** Bhopal
Vocational Training 16 May'23 - 30 May'23
 - Acquired hands-on experience and a comprehensive understanding of Transformer Oil Testing at Technical Services Division(TSD).
 - Observed and familiarized myself with equipments such as Karl Fisher Titrator, Interfacial Tensiometer, GC for Dissolved Gas Analysis, Pensky-Martens Closed Cup, Capillary Tube Viscometer.
- **Bureau of Indian Standards (BIS MUBO-I)** Mumbai
Summer Internship 18 Jun'24 - 12 Aug'24
 - Acquired comprehensive understanding of regulatory compliance and SOPs in diverse industries.
 - Studied good manufacturing practices, focusing on hygiene, safety, and process optimization. Explored sustainable sourcing, environmentally-friendly processing, and waste reduction strategies.

Skills Summary

- **Tools:** Microsoft Excel, MATLAB, Visual Studio Code, GIT/GitHub, MySQL
- **Relevant Coursework:** Mass Transfer, Petroleum Refinery, CRE, Data Structures and Algorithms, OOPs
- **Soft Skills:** Teamwork, Adaptability, Hard Working
- **Programming Languages:** C++, C, HTML, CSS

Projects

- **Desalter - Petroleum Refinery:** Studied about the working and its components, factor effecting desalter and Introduced amine removal agent for improving efficiency.
- **Water Clarifying Array :** Consists of series of Traps designed to separate solid wastes using the flow of the river.
- **Portfolio: [Source Code](#)**
Designed My Portfolio using HTML and CSS: Deployment : [PortFolio](#)
- **Youtube Clone: [Source Code](#)**
Designed Youtube Clone using HTML and CSS: Deployment : [Youtube Clone](#)

Achievements

- Solved around 500+ DSA questions on various platforms: LeetCode [vdhthakre](#)
- Codechef 2 Star (Max. Rating 1521): Achieved global ranks like 559, 787, 870, 1018, etc in division 3 contests profile: [vidhyathakre](#)
- CodeForces (Max. Rating 1090): Achieved global ranks like 3675, 5132, 6319 , etc in its contests with a participation of around 15000, solved 190+ problems profile: [vdhthakre](#)

Position of Responsibility

- **ICSEE 2024 Volunteer:**
Registration Incharge of International Conference on Sustainable Energy and Environment 2024.

Hobbies and Interests

- Competitive Programming
- Problem Solving
- Learning new things
- Travelling