RESUME



SOHAM BAJIRAO PATIL

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CAREER OBJECTIVE

To do something innovative and positive for the firm, by being active and working to the best of my abilities in the organization. I would also use my skills with full dedication and hard work for the progress and enrichment of the organization.

EDUCATION

Bachelor of Technology(Chemical Engineering). — **Pursuing**
D. Y. Patil College Of Engineering And Technology — Marks 7.22CGPA
An Autonomous Institute Kolhapur, Maharashtra — (Till VI Sem)

Diploma
P.V.P.I.T Budhgaon sangli , — Jun 2024
Maharashtra. — Marks 78.33 %

Secondary School.
B.k.P.High School, — July 2021
Kaulav , Maharashtra. — Marks 81%

PROJECT WORK

Transition metal based layered doubled hydroxide (LDH) for hydrogen evaluation reaction in water splitting (On Going)
Guide : Dr.A.L.Jadhav

- Developed and studied transition metal-based Layered Double Hydroxide (LDH) catalysts for efficient hydrogen production via water splitting.

- Evaluated catalytic performance for Hydrogen Evolution Reaction (HER) using electrochemical techniques.

Carbon Capture, Utilization (Concept)

-Worked on CO_2 capture from industrial emissions and its conversion into synthetic coal, Focusing on sustainable fuel production and emission reduction.

INTERNSHIP

Excel industries Ltd. Dhatav , Roha, Dis- Raigad pin-402116

Duration: May 25,2026 – Jun 25,2026

- Observe overall chemical manufacturing operations and Unit operations.
- Visited in Quality control(QC), Research & Development(R&D) Engineering Department And Production.

CERTIFICATIONS

- NPTEL (Aspen plus software)
- NPTEL (principles and practices of process equipment and plant design)

SKILL

Technical skill

- AutoCAD.
- MATLAB.
- AspenPlus

Soft skill

- Effective written communication skills.
- Problem solving.
- Flexibility in dynamic work environments.

PERSONAL DETAILS

- Date of Birth : 24th Mar 2005
- Gender : Male
- Nationality. : Indian
- Married status : Unmarried
- Language : English, Marathi, Hindi
- Strengths : leadership, Adaptable, Team work , Positives attitude