



# Niranjan Jangir

Roll No.:B21CH021

B.Tech

Chemical Engineering

Indian Institute of Technology Jodhpur

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Github | Website

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## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.Tech. (ChE)	Indian Institute of Technology Jodhpur	8.54	2021-Present
Senior Secondary	RBSE	98.20%	2020
Secondary	RBSE	97.50%	2018

## EXPERIENCE

- IICChE Student Chapter IITJ** Aug 2023 - Present  
*Technical Head*  
Jodhpur
  - Developing and maintaining the website for the IICChE Student Chapter IITJ
  - Assisting juniors in their development journey
- Chem-E-Sorption** Jun 2022 - Dec 2022  
*Assistant Web Developer*  
Jodhpur
  - Developed web app using ReactJS for the inaugural edition of the annual symposium
  - Optimized cross-browser compatibility with a mobile-friendly approach

## PROJECTS

- Flooding detection using machine learning** Oct 23 - Nov 23  
*Finding appropriate algorithm for flooding detection in distillation columns*
  - Tools & technologies used:** Python, reinforcement learning
- IICChE Student Chapter IITJ Website** Aug 2023  
*Designed and developed the website for the IICChE Student Chapter IIT Jodhpur*  
Live URL | Github
  - Tools & technologies used:** HTML, Tailwind/CSS, JavaScript
- Electronic Health Record** Jan 2023 - May 2023  
*Web Portal for the digitalization of Primary Health Center at IIT Jodhpur*
  - Worked under the supervision of Prof. Anil K Tiwari(IIT Jodhpur)
  - Tools & technologies used:** HTML, PHP, CSS, JavaScript, SQL
- Spotify recommendation algorithm visualizer** Dec. 2022  
*Collaboratively developed a web app with my friends to demonstrate Spotify's music recommendation algorithms*  
Github
  - Tools & technologies used:** ReactJS, CSS

## TECHNICAL SKILLS

- Programming:** C, C++, Python
- Tools & OS:** Git & Github, Jupyter Notebook, Google Colab, Linux, Windows, Postman
- Libraries/Frameworks:** Pandas, Numpy, JQuery, Tailwind, Bootstrap
- Web Skills:** HTML, CSS, JavaScript, ReactJS, ExpressJS, NodeJS, EJS, SQL

## ACHIEVEMENTS

- Department rank 2nd** at Department of ChE IIT Jodhpur 2023
- Secured 1st Position** Inter Departmental General Championship'23 Web Development Hackathon 2023
- GeeksforGeeks** Campus rank 42 out of 1740+ registered geeks, **profile** 2023
- Completed** Government of India's AI For India 2.0 program 2023
- JEE Advanced 2021** Qualified in the top 1% among 1.16 million aspirants 2021
- Secured 3rd Position** RS-CIT 2019, Information Technology exam organized by VMOU Kota 2019

## CERTIFICATIONS

- GUVI IITM Research Park Certification for AI For India 2.0
- GUVI IITM Research Park Certification in Python
- Udemy Certification in Web Development
- Rajasthan state certification in information technology

## POSITIONS OF RESPONSIBILITY

- Department Executive**, Department of Chemical Engineering, IIT Jodhpur Oct 2022 - Jul 2023
- Assistant Head Coordinator**, Indian National Academy of Engineering Youth Conclave 5.0 Aug 2022 - Sep 2022