Saurabh Yadav
Bachelor of Technology
in Mechanical Engineering
Indian Institute Of Technology, Ropar

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GitHub | **Website**
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EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
Bachelor of Technology	Indian Institute of Technology, Ropar	6.76 (Till 6th Sem)	2019-2023
Senior Secondary	Rajasthan Board of Secondary Education	84.60%	2019
Secondary	Uttar Pradesh Board of Secondary Education	81.80%	2017

EXPERIENCE

VCE *june 2022 - Aug 2022*
Finance Intern - Bangkok, Thailand (WFH)
- Understand the financing of long term infrastructure projects, Non-recourse debt financing, Preparing Financial Modeling and Analysis for Equity IRR and DCF Valuation.

Chegg India *oct 2020 - Jan 2022*
Subject Matter Expert
- Mentored students by providing high quality solutions of 650+ doubts.

PROJECTS

- **Weather Check Website** *july 2022*
  Html,javascript, css technologies
  – Develop a responsive whether website using API to get the weather information of different cities.
  – User can search any cities to know its weather information.

- **Tic-Tac-Toe Game** *May 2022*
  HTML, CSS, Javascript, Node.js
  – TProgrammed an unbeatable AI powered game using the MINIMAX algorithm(Backtracking) with 100.
  – Utilised Alpha-beta pruning to decrease the number of nodes that are evaluated in its search tree making the AI fast.

- **Build My own portfolio website** *April 2022*
  React,Html,css technologies
  – This website just displays my skills, education,skills,work experience, projects etc.

- **Path finding Visualiser** *March 2022*
  React,Nodejs,Html,javascript, css technologies
  – Systematized algorithms to find the path between 2 points using A star(*), Dijkstra, etc while avoiding obstacles.

TECHNICAL SKILLS

- **Programming Languages**: C/C++(STL), SQL ,JavaScript
- **Developer Tool**: VS Code, MySQL , Matlab , Solid work, Abacus.
- **Others**: Html ,Css ,Window, Github.

KEY COURSES TAKEN

- **CSE & Maths**: Data Structure Algorithm, OOPS concepts , DBMS , Operating System, Advanced Calculus Linear Algebra, Differential Equation, Probability statistics.
- **ME Core**: Machine Design,Thermodynamics, Heat Transfer, Fluid Mechanics, Theory of Machine, Strength of Materials,Production Engineering, Material Science.

POSITIONS OF RESPONSIBILITY

- **Member :**,Event management supervisor of Zeitgeist IIT Ropar *October 2019*
- **Member :**,NSO IIT ROPAR *July. 19 - 2021*
- **Sport :**,Part of hockey team in our college *July. 2019 - 2021*

ACHIEVEMENTS :

- **Competitive programmer :**, **4 star (Purple, top 3%)** on codechef with highest rating of 1874.
- **Problem Solver :**, **Solved 900 + problem** of DSA on different platform at- LeetCode, Codechef, Codeforces, GFG,interviewbit.
- **Contest :**, **Secure global Rank 84** in starter 50 Codechef among 15k+ students.
- **Jee Advanced :**, Among top **0.45%** students in JEE Advanced 2019(selected through JEE Main 2019).
- **Coding profile Links:**, **Leetcode** , **GFG** , **Codechef** , **InterviewBit**