Kadavath Akhil Rathod

Bachelor of Technology
in Chemical Engineering
Indian Institute Of Technology, Ropar

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EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
Bachelor of Technology	Indian Institute of Technology, Ropar	6.57 (Till 5th Sem)	2021-2023
Senior Secondary	Board of Secondary Education,Telangana	98.3%	2020
Secondary	Board of Secondary Education,Telangana	10	2018

EXPERIENCE

- **EXPOSYS DATA LABS INTERNSHIP** *Oct 2023 - Nov 2023*
  Web Developer **Github**
  – MASS MAIL DISPATCHER: creating a web application using React that allows users to send emails to a list of recipients from a CSV file. The application includes a user interface for entering the sender's email, subject, attaching a CSV file containing a list of email addresses, and entering the email message. Additionally, the application validates the email addresses from the CSV file and displays the valid and invalid ones separately.

PROJECTS

- **CHAT APPLICATION USING MERN STACK** *Ongoing*
  Self project **Github**
  – Created a Real time Chat Application with mongodb,express,react,node.js and socket.io.The Chat app is also responsive and it is styled with styled components replicating features such as User Login and Register Interface,Messaging, listings, search, authentication.It Demonstrates proficiency in front-end web development, attention to detail, and the ability to recreate complex interfaces. Responsive design and user interactivity were implemented using React resulting in a visually appealing and engaging user experience.

- **SMART SOLAR TRACKER** *Aug 2022 - Dec 2022*
  Dr.Sujata Pal **Github**
  – Developed a cutting-edge Smart Solar Solution, integrating C++ programming and physical tools. Implemented solar tracking, real-time monitoring, intelligent energy management, and fault detection features. Optimized energy production, reduced costs, and enhanced sustainability. Demonstrated innovation, technical proficiency, and a passion for renewable energy

TECHNICAL SKILLS

- **Programming Languages**: C/C++,HTML,CSS,Javascript,Mangodb,Express,React and Node.js
- **Technical Tools** : Tinkercard,Matlab,Latex,VS Code,GitHub
- **Other Skills**: DSA,Problem Solving,General Aplitude and Reasoning

KEY COURSES TAKEN

- **CSE & Maths**: Introduction to Computing and Data Structures,Calculus,Linear Algebra,Differential Equations
- **Others**: Data Structures And Algorithms in C++,Full Stack WebDeveloper,MATLAB,Machine Learning Applications to Process Engineering,JPROMS,Tinkering Lab,Economics,Introduction to Engineering Products and Mechanical Workshop

POSITIONS OF RESPONSIBILITY

- **Sports Representative**,Telugu Culture Association, IIT Ropar *December 2021 - September 2023*
- **Volunteer**,Zeitgeist Fashion Event Team, IIT Ropar *Dec. 2022 - Mar. 2023*
- **Volunteer**,Zeitgeist Security Team, IIT Ropar *Dec. 2022 - Mar. 2023*

MISCELLANEOUS

- **Bronze Medalist in Volleyball**,IYSC(Inter Year Sports Competition) *2023*
- **Gold Medal in International Mathematics Olympiad**, IMO:For securing 15th Rank in Telangana Zonal 1st Level *2016*
- **Bronze Medal in National Science Olympiad**,NSO:Zonal excellence Award *2016*
- **Gold Medal in Aplitude Talent Search Olympiad**, ATSO:Has appeared Final level and performance is Good *2016*
- **Gold Medal in International Mathematics Olympiad**,IMO:State Rank 601 in Finals of 7th SOF *2014*
- **Silver in Volleyball Zonal Level competitons**,Spiker and Defender Positions *2014*