



Yadwinder Singh
Bachelor of Technology
in Computer Science and Engineering
Indian Institute Of Technology, Ropar

+91-77106-03791
2020csb1143@iitrpr.ac.in
Rko_8001 | Website
linkedin.com/in/yadwinder-singh

EDUCATION

Degree	Institute/Board	CGPA/Percentage	Year
Bachelor of Technology	Indian Institute of Technology, Ropar	8.00 (Till 4th Sem)	2020-2024
Senior Secondary	Central Board of Secondary Education	93.6%	2020
Secondary	Central Board of Secondary Education	89.2 %	2018

PROJECTS

• Personal Portfolio

Web Development

Github

- This fully responsive website is created using framework React.js and Tailwind CSS. Moreover, Emailjs API library is used for emailing and contacting part.

• Weather App

Web Development

Github

- created Weather App in React.Js using the OpenWeatherMap API and GeoDB API. It loads temperature and other data like humidity, wind speed, pressure etc. Moreover, Next 7 days data is loaded along with that day.

• Basic C Language Compiler

March 2022 - April 2022

CS202

Github

- implemented the lexical as well as syntax analyser for c language.created tokens of each lexemes of typical c code in lex.
- implemented the grammar of function declarations, variables declarations, compound,assignment statements and Boolean, arithmetic expressions in yacc.

• Online Code Editor

Web Development

Github

- This Editor Lets You Code And View The Changes In Your HTML,CSS and javascript code all at the same time. It's good to use if one wants to write and run some code without opening a Application.
- Moreover, Used LocalStorage Hook along with other hooks for retaining code even after accessing it after months.

• Other Significant Projects

Web Development

Github

- Games: Tetris Game (Javascript, HTML Canvas)
- Web Dev: Dictionary (React.Js Material UI), Snippet Generator (React.Js)

TECHNICAL SKILLS

- **Programming Languages:** C, C++, Javascript, Basic Java, Perl
- **Web Development:** React.Js, Tailwind CSS, Bootstrap
- **Others:** Git, Github, HTML, CSS, Latex, VsCode, Lexx, Yacc

KEY COURSES TAKEN

- **CSE :** Algorithm & Data Structure, Digital Logic Design, Computer Architecture.
- **Others:** Basic Electronics, Tinkering Lab, Economics.

POSITIONS OF RESPONSIBILITY

Mentor ,ISMP, IIT Ropar

Nov 2021 - present

- Responsible for proper guidance and mentoring of 4-5 students who need to get accustomed to college life. Tasks involve emotional and academic guidance with persuasive communication.

Co-ordinator ,Epicure Club, IIT Ropar

Nov 2021 - Present

- Planned and organized series of club sessions various recipes and competitions along with other core members.

MISCELLANEOUS

- **Achievement 1**, Handle: Rko_8001 (Max Rating: 1411) 2022
- **Achievement 2**,Qualified for KvpY Stage 2 2019-2020
- **Achievement 3**,Secured AIR 1670 in JEE mains and AIR 1785 in JEE advanced 2020
- **Achievement 4**,Participated in U-14 State-level Basketball championship held at Mansa, Punjab. 2016