

**CONTACT**

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**Soft Skills**

* Problem solving capabilities
* Committed to project completion
* Effective communicator
* Can work well under pressure
* Collaborative & goal- oriented
* High in integrity, with a strong value system

**Get to Know More**

*Click on links below-*

* [**Leetcode**](https://leetcode.com/u/rithwik_koul/)
* [**LinkedIn**](https://www.linkedin.com/in/rithwik-koul-9500131b3/)
* [**GitHub**](https://github.com/riki47)

**HOBBIES**

* Coding
* Listening to audio books
* Sports

RITHWIK KOUL

# OBJECTIVE

Highly motivated Computer science engineering student seeking an internship position to apply theoretical knowledge in a practical environment and gain hands-on experience. Seeking an internship opportunity to apply my technical skills and contribute to innovative projects in a collaborative environment.

# SUMMARY

As a dedicated engineering student with a strong foundation in **Data Structures and Algorithms**, including Arrays, Linked Lists, HashMaps, Trees, Sorting, Searching, and Recursion. I am eager to apply my knowledge and skills in a challenging internship position. My passion for innovation and problem-solving has driven me to excel in coursework and extracurricular projects. With over 200 *@LeetCode* problems solved, I have expertise in algorithm design and optimization. I have developed a keen eye for detail and a systematic approach to tackling complex problems. My skills in Object- Oriented Programming further enhance my ability to create efficient solutions and solve complex challenges. I am confident in my ability to contribute meaningfully to a team and adapt to new challenges. I am particularly interested in Software development and believe that an internship at your esteemed organization would provide me with invaluable opportunities to learn from experienced professionals and apply my academic knowledge to real-world situations and contribute to advancing technology.

# TECHNICAL SKILLS

## DSA (Data Structures and Algorithms)

* **Java**
* Web development
* JavaScript
* React JS
* Tailwind CSS
* Frontend Development
* Data Visualization
* Python (Pandas, Matplotlib, Seaborn)
* Problem Solving and Analytical Thinking

# EDUCATION

## VELLORE INSTITUTE OF TECHNOLOGY (VELLORE CAMPUS)

Branch - **Computer Science & Engineering**

Pursuing 3rd year **Grade - 9.57 CGPA** 2022-2026

## DELHI PUBLIC SCHOOL (CBSE BOARD)

Class - 12th

Stream - Science Score - 92.5%

2020 – 2021

**DATE OF BIRTH**

* 18-02-2004

**LANGUAGES**

* English
* Hindi

# CERTIFICATES & ACHIEVEMENTS

* **BRANCH TOPPER** - April 2024 for securing position among CSE IOT branch toppers
* **DSA course** - Completed 20hrs of training DSA
* **National Level Athletics U14** (Represented Uttarakhand State) 100m Sprint - Bronze Medalist

200m Sprint - Silver Medalist

# PROJECTS

## Video Streaming Platform (Frontend project):

Built and deployed a fully functional YouTube clone as a Single Page Application **using React.js and Tailwind CSS**. Utilized YouTube API for video search, display, and functionality. Implemented responsive design, state management, and modern UI. Finally, deployed the application on Netlify for easy access.

Link - https://us-tube-cloned.netlify.app/

## Shopping Website (Frontend project):

Crafted an immersive shopping website **using HTML, CSS, and JavaScript**. Key features include an interactive background, an intuitive cart with add/remove capabilities, a seamless checkout process, and a dynamic feedback form for customer engagement.

Link - <https://incredible-licorice-28338f.netlify.app/>

## Diabetes Detector :

A Jupyter Notebook designed to predict diabetes using machine learning. It leverages Python libraries like Pandas, NumPy, and Scikit-Learn for data processing and model training, providing an accurate and efficient tool for early diabetes detection.

Link - https://github.com/riki47/Diabetes-Detector

## Game Dev Project:

Created “*Find a Way Out”*, a puzzle-adventure game in Unreal Engine with C++. Designed intricate mazes and challenges that require problem-solving and strategy for players to progress. Focused on immersive gameplay, efficient mechanics, and smooth performance.

Link - https://rithwik-koul.itch.io/find-a-way-out