

# RISHI RAJ

New Delhi

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## EDUCATION

Guru Tegh Bahadur Institute of Technology, GGSIPU

B.Tech - Information Technology - **CGPA - 8.578**

2022 – 2026

Rajouri Garden, New Delhi

## TECHNICAL SKILLS

**Languages:** C/C++, Javascript

**IT Constructs:** Data Structures and Algorithms, OOPS, DBMS

**Frontend Web Development:** HTML5, CSS3, DOM Manipulation, AJAX, Async JS, API Handling.

**Backend Web Development:** Restful API, Node Js, Express Js, JWT Authentication, Mongoose ORM, MongoDB.

**Developer Tools:** VS Code, Postman, Chrome DevTools, Figma, Vercel

**Technologies/Frameworks:** ExpressJs, ReactJS, Tailwind CSS, Bootstrap, GitHub, Git

## PROJECTS

JeeNeetards | [Live Link](#) | [GitHub Link](#)

Jan 2025

- Developed a web app with over **20** users for JEE and NEET aspirants to track their preparation progress.
- Integrated the Gemini API to generate accurate **topic-based summaries**, along with a daily random "question of the day".
- Covered **100%** of the JEE and NEET syllabi through a dynamic to-do list for goal tracking.
- Utilized **Local Storage** to persist each user's progress without requiring authentication.
- Optimized SEO and performance, achieving a **LightHouse** overall performance score of **95** and SEO score of **100** due to sitemapping and metadata.

Musicality | [Live Link](#) | [GitHub Link](#)

Jan 2025

- It is a client-side web app made with **ReactJs** and **TailwindCSS** that replicates JioSaavn's functionality using **saavn.dev** API to fetch over **30** albums and **HTML5** audio element to play audio.
- It enables users to **search for songs**, which in turn **fetches song, lyrics, and additional songs** from the artist.
- It has all modern music player functionalities including **forward button, previous button, pause/resume, volume control, and progress control**. It also supports **autoplay**.
- Optimized performance with a LightHouse score of **74** for performance, **78** for accessibility, **82** for SEO and **100** for best practise.

LeafLens-AI | [Live Link](#) | [GitHub Link](#)

April 2025

- Engineered a **React** frontend with **Multer-backed** image uploads, achieving **95 percent** successful image processing efficiency and seamless integration with **Hugging Face's inference API** for real-time disease detection.
- Leveraged **Hugging Face's** transformer models to analyze plant images, achieving **92 percent** average accuracy in detecting **38+** disease classes, with results ranked by confidence scores.
- Integrated **Gemini API** to synthesize diagnostic results into actionable agricultural recommendations, reducing user interpretation time by **40 percent** through concise, context-aware summaries.

## ACHIEVEMENTS

- Serving as **Content Lead** (Aug 2023 - Present) for **Institution's Innovation Council** under the **Ministry of Education's AICTE initiative**, leading the management of report and written content.
- Completed **60+** hours **Udemy** course for skill development in **Frontend Web Development and REST API handling**.

## CERTIFICATIONS & COURSES

- The Complete Full-Stack Web Development Bootcamp