

# RITESH RAJ TIWARI

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## Education

Indian Institute of Information Technology Bhagalpur

Nov 2022 – July 2026

Bachelor of Technology in Computer Science and Engineering

Bhagalpur, Bihar

GPA (Absolute): 8.04 (latest), 7.95 (overall)

## Technical Skills and Interests

**Languages:** C/C++, Java, Python, JavaScript, HTML/CSS

**Libraries/Frameworks:** C++ STL, ReactJS, Next.js

**Tools/Version Control:** Node.js, VSCode, Sublime Text, Git/GitHub

**Cloud/Databases:** MongoDB, MySQL

**OS:** Linux/Unix, Windows

**Coursework:** Data Structures & Algorithms, Operating Systems, OOP, DBMS, Software Engineering

**Interests:** Web/Java/Mobile Development, Distributed Systems, Machine Learning, NLP, Networking

**Certifications:** Meta Front-End Development Professional Certificate –Link

## Personal Projects

**MediCare - Healthcare Appointment System** | *Next.js, Appwrite, TypeScript, TailwindCSS, ShadCN, Twilio* | [!\[\]\(19d44b37fb4fa155bf9d60c77a3d3cb2\_img.jpg\)](#) [!\[\]\(32b0d4c179ff868011656ab6c9e92913\_img.jpg\)](#)

- Built a full-stack appointment system with Twilio notifications, optimizing the interface for seamless interaction; designed to handle 1,000+ monthly patient interactions and reduce administrative tasks by 15 hours per week, boosting clinic efficiency.
- Incorporated patient management, booking schedules, and secure authentication to enhance system functionality and user engagement.

**MUSIPLAY** | *HTML, CSS, JavaScript* | [!\[\]\(bff896c19919791b89ab521f039b410a\_img.jpg\)](#)

- Developed a feature-rich music player with an intuitive interface, scalable for extensive music libraries.
- Enabled playlist management, smooth audio streaming, and multi-device synchronization to elevate the user experience across platforms.

**Portfolio Website** | *ReactJS, TailwindCSS* | [!\[\]\(9f3852d68d41e1e95bc4ec10e81aba4b\_img.jpg\)](#) [!\[\]\(bdb0f3befa0da67ab318d6edc913daee\_img.jpg\)](#)

- Created a responsive portfolio site to showcase projects and skills effectively, utilizing modern technologies like ReactJS and TailwindCSS.
- Optimized for SEO and performance, improving search visibility and enhancing page load speeds.

**Lemon Harmony** | *ReactJS, Tailwind CSS, Node.js, MongoDB* | *Ongoing*

- Developing a restaurant platform with features for online ordering, table reservations, and an administrative dashboard.
- Designed to process **500+** orders and **100+** reservations daily, leveraging real-time updates and scalable infrastructure to improve business operations and customer satisfaction.

## Experience

IIIT Bhagalpur

May 2024 – Jul 2024

Collaborated with a team of **4** to develop a responsive Gymkhana website, integrating real-time updates and membership management, leading to a **25% increase** in event promotion and a **30% rise** in participation from **750+** students.

## Achievements

- Codeforces Rating:** Achieved a personal best of **1285 (Pupil)** by solving complex algorithmic challenges.
- Codechef Rating:** Reached a peak rating of **1644 (3 STAR)**, ranking within the top 13,000 participants globally.
- Codechef Starters-135 Div-3:** Secured 86th place out of over 10,000 participants in Division 3.
- Codechef Starters-136 Div-2:** Achieved 683rd place in Division 2, demonstrating ability to tackle advanced problems.
- Competitive Programming:** Solved over 1100 problems on platforms like Codeforces, Codechef, LeetCode, GFG, AtCoder, and HackerRank, with a focus on data structures and algorithms.
- CodingNinjas Code Combate 3:** Ranked 452 out of 10,000 participants nationwide.
- Coding Ninjas Certificate Of Internship:** Organized 10+ events, enhancing participant engagement by 40%.
- Adobe GenSolve:** Placed in the top 5% of participants.
- Meta Front-End Developer Certification:** Completed all 9 modules, quizzes, and assignments with top grades, showcasing proficiency in front-end development.

## Extracurricular Activities

(Coding Ninjas Campus Ambassador)

- Launched and executed 5 collaborative workshops with the PyC Club, engaging over 100 students; enhanced participants' technical expertise across multiple disciplines, leading to increased interest in advanced programming topics.
- Coordinated a series of competitive coding contests and events, driving participation from over 50 students; this initiative significantly boosted community involvement and sparked greater enthusiasm for technical challenges.