

# Rajat Kumar

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## Education

**National Institute of Technology , Kurukshetra**  
*Bachelor of Science in Computer Science (CGPA: 8.28 / 10)*

Expected May 2025  
*Kurukshetra, Haryana*

- **Relevant Coursework:** Data Structures and Algorithms (C/C++), DataBase Management System(MySQL) , Operating System, Computer Networks, Data Mining (Python) , System Design , Discrete Mathematics

## Experience

**Coding Ninjas TA**  
*Internship*

Jan 2024 – March 2024  
*Kurukshetra, Haryana*

- Provided **expert guidance** to 150+ students, addressing their queries and aiding them in debugging and solving over 250+ doubts
- Reduced average query resolution time by 40%, increasing overall **student satisfaction and engagement**.

## Projects

**Character Recognition Using ANN** | *Neural Networks,*

- Developed a **state-of-the-art NLP system** capable of accurately **processing** Hindi Character. Leveraged advanced technologies like **Convolutional Neural Network** to enhance character recognition

**Food Ordering Application** | *React, Vite, ExpressJs ,NodeJS*

- Developed a **full-stack food ordering** platform using ReactJs, NodeJs , ensuring **seamless user experience** and scalability.
- Integrated **Stripe** for secure payments, implementing **robust encryption** and **fraud prevention** measures.
- Applied responsive design principles for **optimal performance** across devices, enhancing customer satisfaction and usability.

## Technical Skills

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

**Technologies:** ReactJs, NextJs ExpressJs, , Neural Networks, Bootstrap, NodeJs, VS Code, Git, GitHub, , MS Excel, MS Word, MySQL, LINUX/UNIX

**Problem Solving Skills:** Designing and implementing efficient data structures and algorithms, OOP principles, MySQL, Web Development

## Coding Profile

*Leetcode-rajatsaini[ 350+ Problems Solved]*

*CodeChef-Rajat Saini[Rating-1953]*

*CodeForces-Rajat Saini[Rating-1568 (Specialist)]*

*GeeksForGeeks -rajatsaini176333 [Rank - 1657]*

## Achievements

- Part of the **SMART INDIA HACKATHON (2023)** team from NIT Kurukshetra.
- Earned **100-Days Leetcode Coding Badge**, reflecting consistency in algorithmic problem-solving.

## Social Engagements

**HLAD Club Member (1st year-present):** Enhanced club's literary essence as an eloquent writer.

**Strategic Team Manager, Aahwaan Club (1st year-present):** Exemplifying strategic leadership and drove impactful initiatives in harmony with the club's mission.