

# Rampratap Singh Rajpoot

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## Career Objective

Final Year B.Tech student with a **Global Rank of 96 in TCS CodeVita**, proficient in **C++, Java, and JavaScript**. Seeking to join **NucleusTeq** to build scalable distributed systems and solve complex engineering challenges.

## Achievements

Global Rank 96 – TCS CodeVita Season 13 (Top competitive programmer with strong analytical and problem-solving skills)

## Education

Lakshmi Narain College of Technology Excellence, Bhopal	October 2022 – June 2026
B.TECH (CSE)	
• CGPA: 7.91/10.0	
Govt. Boys Higher Secondary School	March 2021
• 12th - 84.2%	
Bharat Vidhya Mandir Higher Secondary School	March 2019
• 10th - 85.6%	

## Technologies

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

**Frameworks:** React.js, Express.js, REST APIs

**Databases:** MongoDB, MySQL

**Developer Tools:** VS Code, Postman

**Concepts:** Data Structures, Algorithms, OOP, DBMS, Operating Systems

## Internship

Cisco Cybersecurity Virtual Internship	June 2025 – August 2025
• Completed hands-on modules in network security, threat analysis, and system protection.	
• Used Wireshark and Nmap to detect, trace, and analyze real-world network vulnerabilities.	
• Gained practical exposure to cryptography, access control, risk assessment, and secure system design.	

## Projects

CodeArena	May 2025
• Supported 3 major programming languages: JavaScript, Java, and C++, for versatile coding practice.	
• Implemented secure user authentication, efficient problem management, and modular routing system.	
• Built the frontend with React.js and backend using Node.js/Express.js for smooth functionality.	
• Created a database of 100+ coding problems with varying difficulty levels and categories.	
• Tools Used: HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB, and Postman for testing.	
AI-Powered Travel Planner	March 2025
• location-based APIs for hotel, restaurant, and attraction suggestions in real time.	
• Developed intelligent filters for budget, distance, rating, and category, improving user planning time by 40%.	
• Applied clean architecture principles with modular backend services and reusable frontend components	
• Tools Used: HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB, Postman	

## Certifications

Java - Issued by: NPTEL	April 2024
• Completed a 6-week course on Java basics, covering OOP concepts, data types, control structures, and libraries.	