Rajeev Singh Rajput

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EDUCATION

Lakshmi Narain College of Technology   **Bhopal, Madhya Pradesh**
B.Tech in Electronics and Communication   *Expected Graduation: May 2026*

PROFILE SUMMARY

Detail-oriented final-year B.Tech student with strong fundamentals in **computer science**, including **data structures, algorithms, object-oriented programming, and database management systems**. Experienced in building scalable full-stack web applications using the **MERN stack**, with a strong focus on real-time systems and user-centric designs. Demonstrates strong **problem-solving** abilities. Seeking opportunities to contribute to impactful and collaborative software engineering projects. **Eager to learn. Ready to unlearn. Excited to grow**.

SKILLS

Languages	Java	JavaScript (ES6+)	HTML	CSS
Technologies	ReactJS, NodeJS, ExpressJS, Tailwind CSS, MongoDB, MySQL, DaisyUI
Tools & Software	VS Code	GitHub	Postman
Others	Competitive Programming	Problem Solving	DSA	OOP	DBMS	OS

PROJECTS

Real Time Chat Application | *Code*
Tech Stack**:** *React.js, Node.js, Express.js, MongoDB, Socket.IO, Tailwind CSS, DaisyUI*
- Independently designed and implemented a scalable real-time chat platform with sub-200 ms bi-directional messaging via Socket.IO, completed within a 4-week sprint.
- Optimized WebSocket event handling to support concurrent connections for 1,000+ active users without performance degradation.
- Drove engineering excellence by enforcing JWT-based access control and secure CORS policies, reducing unauthorized requests by 99%.
- Enhanced UI/UX by integrating **32 switchable themes** using DaisyUI and Tailwind CSS.

Pathfinding Visualizer | *Code*
Tech Stack: *ReactJS, JavaScript, Tailwind CSS*
- Designed an educational tool visualizing **4** different algorithms (**BFS, DFS, Dijkstra's, and A***).
- Integrated features like maze generation, weighted path handling, and dropdown-based algorithm selection.
- Provided smooth, color-coded traversal visuals to reinforce algorithm understanding.

Real Estate Website | *Code*
Tech Stack**:** *ReactJS, JavaScript, Tailwind CSS*
- Designed and implemented a responsive real estate platform using ReactJS, completing the project in **2 weeks**.
- Integrated **light and dark mode** toggle for a customizable user interface, enhancing user experience.
- Built a user-friendly and intuitive UI with **smooth animations** to improve usability and engagement.
- Utilized Tailwind CSS to build a scalable frontend, reducing development time by 30% and improving interface load time.

ACHIEVEMENTS

- Achieved a **Guardian-level** LeetCode rating of **2200+**, demonstrating advanced proficiency in data structures and algorithms.
- Solved **500+ DSA problems** across platforms such as **LeetCode**, **GeeksforGeeks**, and **Codeforces**.
- **Ranked within the top 1% globally on LeetCode**, demonstrating strong competitive programming expertise.
- Placed **138th** out of over **21,000** participants in LeetCode Weekly Contest #448.

CERTIFICATIONS

TCS iON Career Edge - Young Professional, **TATA**	February 18th, 2025
Modern JavaScript for Beginners, **Udemy**	March 17, 2025
Java (Basic) Skills Certification, **HackerRank**	July 21, 2025