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

B.Tech student with foundational knowledge in full-stack development, experienced in building responsive and interactive web applications using the MERN stack. Skilled in implementing real-time features, API integrations, and solving complex problems. Passionate about developing scalable, user-focused solutions and continuously expanding both front-end and back-end expertise. Seeking to leverage my technical and problem-solving skills to innovative, challenging projects in the tech industry.

SKILLS

Languages	Java | HTML | CSS | JavaScript
Technologies	ReactJS, NodeJS, ExpressJS, Tailwind CSS, MongoDB
Tools & Software	VS Code | GitHub
Others	Competitive Programming | Excellent communication | OOP | DBMS | OS

PROJECTS

Real Time Chat Application | GitHub

Tech Stack**:** React.js, Node.js, Express.js, MongoDB, Socket.IO, Tailwind CSS, DaisyUI
- Built a real-time chat application using the **MERN** stack with robust user authentication and secure backend APIs.
- Integrated DaisyUI with Tailwind CSS to enable dynamic switching between 32 user-selectable themes, enhancing accessibility and personalization.
- Enabled real-time bi-directional messaging using **Socket.IO**, ensuring minimal latency in message delivery.
- Secured all API interactions using **Axios** with token-based authentication and strict **CORS** policies.

Pathfinding Visualizer | GitHub

Tech Stack: ReactJS, JavaScript, Tailwind CSS
- Developed an interactive pathfinding visualizer supporting **4 different** algorithms **(BFS, DFS, Dijkstra's**, and **A***) with real-time grid animations.
- Added features like **maze generation**, **weighted path handling**, and dropdown-based algorithm selection for better usability.
- Implemented smooth visual cues for search traversal and shortest path discovery using color-coded animations.

Real Estate Website | GitHub

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 100% 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 Knight-level LeetCode rating of **2069+**, demonstrating advanced proficiency in data structures and algorithms.
- Solved **400+ DSA problems** across platforms such as **LeetCode**, **GeeksforGeeks**, and **Codeforces**.
- **Ranked within the top 1.8% 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

[LeetCode - rajeev_rajput30](#) | [GeeksforGeeks - ssrajpuid18](#)