

# T R RAKSHITHA

Bachelor of Engineering

Computer Science and Engineering

JSS Academy of Technical Education Bengaluru ,  
Karnataka

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## EDUCATION

Degree/Certificate	Institute/Board	CGPA/Percentage	Year
B.E.	JSS Academy of Technical Education, Bengaluru	8.6(Current)	2022- Present
Pre-University	Sir M V PU College, Davanagere	95	2022
Secondary	Gurudeva Vidya Prasara Parishath, Kottur, Vijayanagar	98	2020

## PROJECTS

- Tic Tac Toe Game  
Tools used: HTML, CSS, JavaScript.  
Developed a browser-based 2-player Tic Tac Toe game using HTML, CSS for layout and styling, and JavaScript for game logic. Implemented features like turn tracking, win/draw detection, and responsive UI for seamless user interaction.
- Doctors Appointment System  
Tools used: HTML, CSS, PHP.  
Integrated role-based authentication for patients and doctors with secure login functionality. Implemented intuitive dashboards allowing patients to book appointments and doctors to manage schedules. Enhanced user experience with real-time updates, appointment tracking, and efficient session handling
- Smart Sort Visualizer  
Tools used: Java, OOP, Java Collections  
Java-based tool that intelligently selects optimal sorting algorithms based on input characteristics. Supports integers and strings with preprocessing analysis. Tracks performance metrics (comparisons, swaps, memory, time) and dynamically switches between six sorting algorithms for efficiency.

## SKILLS

- Technical Skills: C, Java, HTML, CSS, JavaScript, Python, SQL, React, Node JS.
- Soft Skills: Interpersonal Communication, Leadership, Teamwork, Creativity.

## KEY COURSES TAKEN

- Data Structures and Algorithms.
- OOPS in Java ,Computer Networks,
- Database Management System, Operating Systems.