

# RITESH RANKA

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## Education

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**SRM Institute of Science and Technology, Chennai, India**

*Bachelor of Technology in Computer Science and Engineering*

**Sep. 2021 – June 2025**

*CGPA: 8.5/10*

## Relevant Coursework

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Data Structure, Database Management System, Object Oriented Programming, Operating System

## Internship

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**Full Stack Developer** | Scooterson Pte. Ltd (Remote)

**Oct. 2023 - Dec. 2023**

Developed a full-stack travel-based website using Node.js, Express.js, and React.js for dynamic, responsive pages.

Built a real-time fleet management dashboard with Firebase, enabling live vehicle and rider tracking for enhanced decision-making.

Designed an advanced reporting system to provide business insights on metrics like revenue and vehicle status.

## Projects

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**Voting App** | MongoDB, Express.js, React, Node.js

Developed a secure voting platform allowing users to create and participate in real-time polls with JWT-based authentication.

Created a user-friendly UI with React.js, ensuring smooth frontend-backend interaction.

Used MongoDB to store vote data and integrated backend APIs for data processing.

**Project Link:** Voting App on GitHub

**Textutils** | React.js

Built a text utility web app for real-time text manipulation with functions like uppercase, lowercase, and text cleanup.

Optimized performance with React's state management for a smooth and interactive user experience.

**Project Link:** Textutils on GitHub

**News Website** | React.js

Developed a news aggregator website pulling articles from multiple APIs for diverse, up-to-date content.

Optimized performance by caching articles, ensuring a seamless experience.

**Project Link:** News Website on GitHub

**Chatting App** | Node.js, WebSocket

Built a real-time chat application using WebSocket for instant communication across multiple users.

Implemented message synchronization for consistent data transfer.

**Project Link:** Chatting App on GitHub

**Random Quote Generator** | React.js

Created an interactive quote generator to provide inspirational quotes at the click of a button.

Optimized performance using React hooks for smooth transitions and state management.

**Project Link:** Random Quote Generator on GitHub

## Skills

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Programming Languages: C++, HTML/CSS, JavaScript

Technologies: React.js, Node.js, Express.js, Tailwind CSS, Bootstrap, Firebase, MongoDB

Developer Tools: Git, VS Code

## Achievements

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Leetcode and Hackerrank Badge Holder: Solved 500+ problems, earned 4 badges on Leetcode, gold in Java, silver in C++ on Hackerrank.

Ranked 850 in Newton School of Coding's Code Rush October 2024 contest.

Secured 2nd place in Code Odyssey 2.0 Hackathon at KJ Somaiya Institute of Science and Technology.

Cleared 2nd round in SRM Hackathon Kodekshetra by the Department of Networking and Communications.