

# Gaurav Kumar Singh

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## Professional Summary

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Aspiring software engineer with hands-on experience in building scalable and responsive web applications using MERN Stack. Strong understanding of frontend development with intuitive UI/UX design. Passionate about clean code, problem-solving, and continuously improving through real-world projects.

## Education

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**Birla Institute of Technology Mesra**  
*Bachelor of Technology in Chemical Engineering*

Ranchi, Jharkhand  
Nov 2022 – Apr 2026

**Kendriya Vidyalaya BSF Meru Camp**  
*Senior Secondary (Class 12), CBSE – Science Stream*

Hazaribagh, Jharkhand  
Apr 2020 – Jun 2021

## Technical Skills

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**Languages:** C, C++, JavaScript  
**Frameworks:** Express.js, Tailwind CSS  
**Libraries:** React.js, Redux Toolkit, Mongoose  
**Runtime Environment:** Node.js  
**Databases:** MongoDB (NoSQL), SQL  
**Developer Tools:** Git, GitHub, VS Code, Postman

## Projects

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**Ecozmy Shopping** | *React.js, Redux Toolkit, Tailwind CSS*

- **GitHub Link / Live Demo**
- Ecozmy is a responsive e-commerce web app offering smooth product browsing and cart functionality. It simulates a real store using the Fake Store API and used **Tailwind CSS** for responsive design
- Built product listing, filtering, and cart system with global state handled by **Redux Toolkit**.

**Think Quest - Quiz App** | *HTML, CSS, JavaScript*

- **GitHub Link / Live Demo**
- Think Quest is an interactive quiz application using **Vanilla JavaScript** that tracks user scores and persists answers across sessions using **Local Storage**.
- The app features a responsive **mobile-first responsive design** for optimal performance across screen sizes.

**Notes Saver** | *React.js, Redux, Tailwind CSS*

- **GitHub Link / Live Demo**
- Developed CRUD-based note-taking app using **React.js** with global state managed by Redux and persisted using Local Storage.
- Built responsive UI for compatibility across devices and browsers.

## Achievements

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- Solved **100+ DSA problems on LeetCode**, strengthening understanding of core data structures and algorithms. Also practiced DSA consistently by solving challenges on Coding Ninjas
- Completed the **CodeHelp DSA course** by Love Babbar, covering core topics like arrays, linked lists, stacks, queues, and trees.
- Completed the **CodeHelp Web Development course** with focus on MERN stack and real-world project building.