

Ritik Singh Rawat

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Summary

A passionate and detail-oriented Software Developer with hands-on experience in web development, backend systems, and problem-solving using data structures. Seeking an opportunity to apply my technical skills and contribute to innovative software solutions in a growth-focused organization.

Skills

- **Languages:** C, C++(primary), Python, Java, JavaScript
- **Web Development:** React.js, Tailwind CSS, HTML5, CSS3, Node.js, Bootstrap, Express.js, PHP
- **Database:** MySQL, MongoDB
- **Testing & Version Control:** Thunder Client, Git, GitHub, Postman

Professional Experience

CSIR – Central Mechanical Engineering Research Institute (CMERI)

Jul 2025 - Present

Ludhiana, India

- Worked on real-world Full Stack projects using **MERN Stack**.
- Contributed to UI improvements and feature integrations under senior supervision.
- Have created an inventory management system for organization
- Gained experience in **collaborative development**, code review, and documentation

Ryaz.io

June 2024 – July 2024

Remote

- Completed hands-on training in **Front-End Development** using **HTML, CSS, JavaScript**.
- Built 4+ responsive UI challenges from Frontend Mentor.
- Learned GitHub version control, code debugging, and modular design principles.

Education

GURU NANAK DEV ENGINEERING COLLEGE

Jul 2022 - May 2026

Bachelor of Engineering – Information technology | CGPA: 7.86

Projects

Code to Cuisine — A QR-Based Restaurant Menu System

Code to Cuisine is a modern, user-friendly web application designed to transform the traditional dining experience. It allows customers to seamlessly browse a restaurant's digital menu by scanning a QR code placed on their table — eliminating the need for printed menus or human interaction in the ordering phase.

Key Features:

- QR code-based table scanning system
- Responsive Bootstrap UI optimized for mobile
- Admin portal to manage menu items and categories

Campus Connect

Campus Connect is a MERN-based campus-exclusive marketplace where students can buy and sell second-hand academic items like books and electronics. Users sign up using verified college emails or IDs, ensuring a trusted community.

Key Features:

- Secure authentication via JWT and email verification
- Real-time messaging between buyers and sellers using Socket.io
- Admin tools to moderate listings and manage reports