



## Radhika Jindal

Roll No.: 123103126

Bachelor of Technology

Information Technology

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GitHub Profile

LinkedIn Profile

## EDUCATION

### •National Institute of Technology, Kurukshetra

Bachelor of Technology - Information Technology

2023–2027

CGPA: 8.7125

### •Surevin International School, Ghaziabad, Uttar Pradesh

Class 12th – CBSE

2021–2022

Percentage: 96.8

### •T.R.M. Public School, Ghaziabad, Uttar Pradesh

Class 10th – CBSE

2019–2020

Percentage: 96.6

## PERSONAL PROJECTS

### •DietSync – AI-Driven Meal Planning Platform

Full Stack Developer

2025

Live | GitHub

- Architected a full-stack web platform for personalized meal planning, weekly scheduling, and grocery list generation, supporting **500+ user profiles** with end-to-end data flow.
- Designed and implemented **15+ RESTful APIs** using Node.js and Express to manage users, meals, planners, and grocery workflows with modular service layers.
- Integrated secure authentication using **Google OAuth 2.0 and JWT**, enabling protected API access and role-based data isolation.
- Reduced API response latency by **30%** through optimized MongoDB schema design, indexed queries, and backend request handling.

### •QuizIT – Scalable Real-Time Quiz Platform

Developer

May 2025 – June 2025

Live | GitHub

- Built a full-stack MERN application supporting **real-time quiz hosting for 100+ concurrent users** with low-latency data updates.
- Implemented **role-based authentication (Teacher/Student)** using JWT, improving access control and reducing unauthorized actions by **100%**.
- Developed **10+ RESTful APIs** to handle quiz creation, submissions, scoring, and analytics with efficient database queries.
- Designed real-time result visualization and analytics dashboards, reducing result processing time by **40%**.
- Ensured scalable deployment using Vercel and Render with environment-based configurations.

### •FlixHub – Movie Discovery and Recommendation Platform

Developer

June 2025

Live | GitHub

- Developed a scalable frontend architecture handling **1000+ movie records** fetched dynamically via TMDB API.
- Integrated real-time search, filtering, and genre-based discovery, reducing search response time by **35%**.
- Implemented efficient state management using Redux Toolkit, minimizing unnecessary re-renders and improving UI performance.
- Built a fully responsive interface using Material UI, ensuring consistent performance across devices.

## TECHNICAL SKILLS AND INTERESTS

**Programming Languages:** C++, Java, Python, JavaScript, SQL

**Web Technologies:** HTML5, CSS3, REST APIs, Responsive Design, User-Centered Design

**Frameworks & Libraries:** React.js, Node.js, Express.js

**Databases:** MongoDB, MySQL

**Developer Tools:** Git, GitHub, VS Code

**Core CS Subjects:** Data Structures & Algorithms, Object-Oriented Programming, Operating Systems, Computer Networks, DBMS, Software Development Methodology

**Interests:** Scalable Systems, Backend Development, API Design, Problem Solving, Teamwork

## POSITIONS OF RESPONSIBILITY

### •Technical Team Member, NSS (National Service Scheme)

Oct 2023 – Present

### •Member, Technobyte (Technical Society)

Oct 2023 – Mar 2025

## ACHIEVEMENTS

- Solved **500+ DSA problems** on LeetCode and GeeksforGeeks
- 3-star at CodeChef** (Max Rating: 1661) → Profile
- Pupil at Codeforces** (Max Rating: 1275) → Profile
- Global Ranks:** 35 in CodeChef Starters 206 (Div 3 Rated) | 145 in CodeChef Starters 195 (Div 3 Rated)
- Flipkart Runway 2025:** Shortlisted in Round 1, placing in the top 10–15% after initial screening
- Reliance Foundation Undergraduate Scholar** Selected among Top 5000 scholars nationwide
- Infosys STEM Stars Scholar** Recognized among top STEM students