



Radhika Jindal

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Bachelor of Technology
Information Technology
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GitHub Profile
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EDUCATION

- **National Institute of Technology, Kurukshetra**
Bachelor of Technology - Information Technology
- **Surevin International School, Ghaziabad, Uttar Pradesh**
Class 12th - CBSE
- **T.R.M. Public School, Ghaziabad, Uttar Pradesh**
Class 10th - CBSE

2023–2027
CGPA: 8.7125
2021–2022
Percentage: 96.8
2019–2020
Percentage: 96.6

PERSONAL PROJECTS

- **DietSync – AI-Driven Meal Planning Platform**
Full Stack Developer
– 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
– 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
– 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