

# Ritik Raj

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## SUMMARY

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B.Tech Computer Science undergraduate with strong foundations in programming, data structures, and software development. Passionate about solving real-world problems using full-stack development, blockchain, and algorithmic thinking.

## SKILLS

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Programming Languages	C++, Python, JavaScript
Web Development	HTML, CSS, React.js, Node.js, Express.js, REST APIs
Databases	MongoDB, MySQL
Blockchain	Blockchain Fundamentals, Smart Contracts (Basics), IPFS
Tools and Platforms	Git, GitHub, VS Code, Postman
Core CS Concepts	Data Structures & Algorithms, OOP, DBMS, Operating Systems

## EDUCATION

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2023 - 2027	B.Tech in CSIT at <b>KIET Group of Institutions</b>	
2022	Class 12th CBSE Board PCM WITH CS	(92.8)
2020	Class 10th CBSE Board	(76)

## WORK EXPERIENCE

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**Cyber Security Virtual Intern — Deloitte Australia (Forage)** June 2025  
Completed a virtual job simulation focused on real-world cybersecurity tasks. Analyzed web activity logs to identify unusual patterns and potential threats. Investigated user behavior and responded to breach scenarios. Assisted a simulated client during a cybersecurity incident.

## PROJECTS

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**Blockchain-based Patient Data Security System (Ongoing)** [Link to Demo](#)

Developing a secure and decentralized system for managing patient medical records. Implementing encrypted off-chain storage with on-chain hash verification for data integrity. Enabling patient-controlled access using smart contracts and permissioned blockchain.

**DSA Practice Tracker (MERN Stack)** [Link to Demo](#)

Developed a MERN-based web application to track daily Data Structures and Algorithms practice. Implemented RESTful APIs with Node.js and Express.js along with JWT-based authentication. Integrated MongoDB Atlas and built a responsive React.js frontend for progress visualization.

## ACHIEVEMENTS

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- Codeforces Rating: **1010 (Pupil)**, consistently solving competitive programming problems.
- Solved **200+** **Data Structures and Algorithms** problems on LeetCode and Codeforces.
- Finalist, **Galgotias International Hackathon 2025**, selected among top teams.
- Qualified Round 1, **TCS CodeVita Season 11**.