

Raj Yadav

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Summary

Computer Science undergraduate with strong foundations in **Data Structures, Algorithms, and Full-Stack Web Development**. Hands-on experience building scalable MERN applications, secure authentication systems, and RESTful APIs. Deloitte Cyber Security Virtual Intern with exposure to risk analysis and threat mitigation. Actively practicing competitive programming and problem solving.

Education

Bachelor of Technology in Computer Science and Engineering

June 2022 – Present

Goel Institute of Technology and Management, Lucknow

CGPA: 7.0 / 10

Technical Skills

Programming Languages: Java, JavaScript, Python, SQL

Web Technologies: HTML5, CSS3, Tailwind CSS

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

Databases: MongoDB, SQL, NoSQL

Tools & Platforms: Git, GitHub, VS Code, Docker, AWS, Google Cloud, Azure, Vercel, Netlify, Render

Core CS: Data Structures, Algorithms, OOPs, REST APIs, Authentication, System Design (Basics)

Experience

Cyber Security Virtual Intern

Deloitte (Remote)

- Performed risk assessments and identified system vulnerabilities aligned with industry security standards.
- Simulated threat detection and incident response scenarios for enterprise environments.
- Proposed mitigation strategies for common cyber threats and security gaps.

Full Stack Web Development Trainee

Substring Technologies

- Built end-to-end web applications using React, Node.js, Express, and MongoDB.
- Implemented REST APIs, JWT-based authentication, and database operations.
- Deployed applications using cloud platforms following industry-standard practices.

Projects

BudgetBuddy – Expense Management Application

- Developed a full-stack MERN application to track and manage user expenses in real time.
- Implemented secure JWT authentication, CRUD operations, and RESTful APIs.
- Designed responsive UI and optimized database queries for performance.

Awaze-e-Janta – Online Complaint Management System

- Built a role-based complaint management platform with user and admin access.
- Implemented complaint tracking, status updates, and secure data storage.
- Used React, Node.js, Express, and MongoDB for scalable backend services.

Portfolio Website

- Designed a performance-optimized personal portfolio using HTML, Tailwind CSS, JavaScript, and Matter.js.
- Implemented responsive design and optimized animations for mobile performance.
- Deployed using modern hosting platforms with performance optimizations.

Additional Information

Languages: English, Hindi

Soft Skills: Problem Solving, Leadership, Time Management, Communication