

# Raj Yadav

Uttar Pradesh, India

mr.rajyadav272207@gmail.com

— +91-9696561809

— GitHub

— LinkedIn

## Summary

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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

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### Bachelor of Technology in Computer Science and Engineering

June 2022 – Present

Goel Institute of Technology and Management, Lucknow

CGPA: 7.0 / 10

## Technical Skills

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**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

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### 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

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### 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 Material.js.
- Implemented responsive design and optimized animations for mobile performance.
- Deployed using modern hosting platforms with performance optimizations.

## Additional Information

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**Languages:** English, Hindi

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