

Samriti Raj

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[Github](#) | [Leetcode](#) | [Codechef](#)

EDUCATION

Vellore Institute of Technology – VIT-AP

Amaravati, Andhra Pradesh

CGPA: 9.01/10

September 2022 – July 2026

SKILLS

Technical Skills

Front-End Technologies:

- React Hooks
- React Router DOM
- Responsive Design

Backend Technologies:

- Node.js
- Express.js
- MongoDB

Programming Languages:

- JavaScript
- C/C++

Core Competencies:

- Security and Authentication: Implementing secure authentication and authorization mechanisms.
- Data Management: Efficient handling and management of data.
- Project Management: Overseeing project development, timelines, and team coordination.

INTERNSHIPS

Tata Technologies

June 2024 – July 2024

Intern | Jamshedpur, Jharkhand

- Engineered and maintained the 'Engineering Data Lifecycle Management System' using the MERN stack, implementing CRUD functionalities and enhancing data management efficiency by 30%.
- Implemented secure user authentication and dual-tiered login systems, reducing unauthorized access by 25%.
- Introduced functionalities for file sorting, filtering, and deletion, and included a CSV export feature, improving data handling speed by 40%.
- Utilized React hooks, Axios for API requests, React Router DOM for navigation, and ReactPaginate for pagination, reducing page load times by 20%.
- Collaborated with cross-functional teams to integrate feedback and deliver updates, achieving a 25% faster feature rollout

PROJECTS

Project 1: Engineering Data Lifecycle Management System

- Built using MERN stack (MongoDB, Express.js, React, Node.js) to handle over 10,000 engineering files efficiently.
- Enhanced data management and user authentication systems, resulting in a 30% efficiency improvement.
- Integrated real-time notifications and advanced sorting/filtering functionalities, reducing data retrieval time by 25%.
- Established a dual-tiered login system and incorporated CSV export functionality, leading to a 30% improvement in security and a 40% acceleration in data extraction processes.
- Testing and Quality Assurance: Optimized system performance through asynchronous processing and user feedback-driven UI/UX improvements, increasing user satisfaction by 15%.

Project 2: Portfolio and Tribute Page Development

- Developed using HTML, CSS, and JavaScript which ensures 15% improvement in load times across various devices.
- Focused on responsive design and user experience improvements, achieving a 20% increase in user satisfaction.
- Incorporated interactive elements and animations, increasing user engagement by 30%.

EXTRACURRICULAR ACTIVITIES

CodeChef VIT-AP Chapter

Technical Team Member | Amaravati, Andhra Pradesh

March 2024 – Present

- Organized coding contests and hackathons, increasing member participation by 30%.
- Designed and implemented interactive coding challenges and problem sets, improving engagement and skill development.

- Collaborated with a team to streamline contest workflows.

ADDITIONAL INFORMATION

- **Languages:** English and Hindi