

Rahul Challa

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EDUCATION

Rajiv Gandhi University of Knowledge Technologies Rk Valley

Bachelor of Technology Computer Science - 8.8

2022 - Present

Rajiv Gandhi University of Knowledge Technologies Rk Valley

Pre-University Course - 9.7

2020 - 2022

SKILLS

- Data Structures & Algorithms, Object-Oriented Programming, Database Management Systems, Computer Networks, Operating Systems
- Java, Python, C, MySQL, JavaScript
- MERN Stack, Machine Learning,

PROJECTS

Web-Chat App [🔗](#)

Built a responsive chat platform supporting real-time messaging and user authentication.

- **Frontend:** Developed with React.js and Socket.io-client for live chat functionality.
- **Backend:** Implemented with Node.js, Express, and MongoDB using MVC architecture.
- Enabled secure user authentication with JWT and bcrypt, and managed sessions effectively.
- Integrated **Socket.io** for instant message delivery and group chat features.

ESAP(Every Service At 1 Place) [🔗](#)

Developed a web platform for user registration, authentication, and service management.

- **Frontend:** Built with React (Vite), React Router, and Axios for API integration.
- **Backend:** Created RESTful APIs using Node.js, Express, and MongoDB (Mongoose).
- Implemented JWT-based authentication, secure password handling (bcrypt), and custom middleware.
- Enabled file uploads and storage using **MongoDB (GridFS)** for efficient handling of large files.

CERTIFICATE

Full Stack Development Certification [🔗](#)

Machine Learning [🔗](#)

ACHIEVEMENTS

Solved over 200+ problems in leetcode

SUMMARY

- Dedicated undergraduate student with a solid foundation in software development, computer networks, object-oriented programming, and software design. Strong communication and teamwork abilities, with a passion for problem-solving, continuous learning, and delivering efficient, scalable solution