

Rahul Raj

Linkedin: <https://www.linkedin.com/in/rahul-dev01/>

Github: <https://github.com/rahul-dev01>

Email: rajrahul00945@gmail.com

Mobile: [+91 8809914242](tel:+918809914242)

SKILLS

Languages: C,C++, Python, Java, JavaScript

Tools/Platforms: MongoDB, Tableau , MS SQL Server

Soft Skills: Problem-Solving, Project Management, Adaptability

TRAINING

Cipher Schools (Edtech Company)

June 24 – July 24

Mern Stack Development

- Performed efficient backend data handling and processing using MongoDB aggregation pipelines and optimized schema design, leading to a 20% improvement in API response time.
- Developed and optimized full-stack applications using React for dynamic user interfaces, Node.js for scalable server-side logic, and Express for RESTful APIs, improving application performance by 15%.
- Implemented advanced state management techniques and code optimizations, enhancing user experience and reducing page load times by 25%.

PROJECTS

RAG Project | *React, Node, Express, MongoDB*

6 week

- Architected and developed a comprehensive Document-based AI-powered Q&A System using the MERN stack, enabling intelligent and context-aware responses based on user-uploaded documents.
- Implemented efficient document parsing, indexing, and search functionalities using MongoDB and custom algorithms, reducing information retrieval time by 40% while ensuring high data accuracy.
- Integrated advanced AI models for natural language processing and response generation, significantly enhancing query resolution accuracy by 30% and delivering an engaging user experience.

Library Management System | *React, Node, Express, MongoDB*

5 week

- Developed a scalable and efficient library management system using the MERN stack, enabling digitalized management of book inventory, member records, and transactions, reducing manual workload by 40%.
- Designed an intuitive and user-friendly interface with React, facilitating seamless coordination of book lending, returns, and member management, boosting operational efficiency by 50%.
- Integrated MongoDB for efficient data storage and retrieval, ensuring data consistency and reducing retrieval time by 30%.

Weather Application | *HTML, Css, Js, React*

2 week

- Developed a responsive weather application using React, integrating APIs to fetch real-time weather data for multiple locations.
- Implemented dynamic UI components with seamless user interactions using JavaScript and CSS, enhancing the overall user experience.
- Optimized API calls and data handling techniques to ensure fast and accurate weather updates, achieving a 30% reduction in load time.

CERTIFICATES

Full Stack Web Development | *CipherSchool*

May 23

Python | *HackerRank*

March 22

Java | *HackerRank*

March 22

EDUCATION

Lovely Professional University

Bachelor of Technology

Computer Science and Engineering; CGPA: 8.64

Phagwara, Punjab

Aug' 22 – Present

Sadhana Devi Vidyapith

Intermediate

PCM; Percentage: 76%

Dhanbad, Jharkhand

Mar' 20 – May' 21

Progressive Central School

Matriculation

Percentage: 77.6%

Dhanbad, Jharkhand

Mar' 18 – May' 19