

Ritik Kumar

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Summary

Full Stack Web Developer (MERN Stack) specializing in **building** scalable applications, **collaborating** with teams, and **enhancing** user experiences through effective front-end and back-end development, debugging, and performance optimization.

Skills

Languages: C/C++, JavaScript, Typescript, Python.

Technologies & Tools: React JS, Redux Toolkit, Tailwind, Express, Node JS, REST API Integration, Prisma ORM, JWT token, Git & GitHub, Postman, Figma, HTML/CSS.

Database: Mongo DB, MySQL, PostgreSQL.

Work Experience

Cloud Play Solutions, Remote

June 2024 - Present

Software Engineer Intern

This website enables patients to make appointments and receive suggestions from doctors, who can be chosen based on ratings and favourites. Doctors can also share knowledge through blogs, fostering a collaborative environment.

- ❖ **Developed and optimized REST API** endpoints using Node.js, reducing response time by 30% and enhancing application performance.
- ❖ **Engineered and implemented** unit testing frameworks, increasing code coverage by 50% and ensuring robust application functionality.
- ❖ **Streamlined REST API integration** processes, achieving a 20% improvement in development speed and reducing error rates.
- ❖ **Analysed and resolved** over 40 debugging issues, streamlining the troubleshooting process and reducing system downtime by 40%.

Education

National Institute of Technology Agartala

Aug 2023 - May 2026

Master of Computer Application

CGPA 8.61*/10

Relevant Coursework: Object Oriented Programming, Databases, Discrete Maths, Data Structures and Algorithms, Operating Systems, Computer Networks, Machine Learning, Data Mining, Advance Data Structures and Algorithms, Information Retrieval, Image Processing

Project Work

CloudplayDoctor || [Link](#)

July 2024

- ❖ **Worked collaboratively with a team** of developers, leveraging Git for version control and Prisma ORM. Successfully implemented multiple features using Redux Toolkit for API management, enhanced user interfaces with React and Tailwind, and optimized the Node.js backend, contributing to a 25% improvement in application performance and a 40% boost in user satisfaction.
- ❖ **Fixed 20+ bugs and errors**, while adding 5 new features, enhancing functionality and improving overall system performance.
- ❖ **Designed and refined** the blog section's user interface using React.js and Tailwind CSS, enhancing user experience and readability by 30%.

My Portfolio || [Link](#)

June 2024

- ❖ **Developed** a dynamic and **responsive personal portfolio** using React.js, integrating 5 libraries for state management and enhanced functionality, resulting in a 30% increase in user engagement and a 20% improvement in load times.
- ❖ **Utilized Framer Motion** for animations and styled components with Tailwind CSS, creating a modern, engaging user interface that improved user interaction.

Matrix A virtual Assistant || [Link](#)

May 2024

- ❖ **Voice Recognition:** Utilized **Speech Recognition** and pyttsx3 for **real-time voice commands** and audio responses, enabling hands-free interaction
- ❖ **Web and Application Control:** Implemented functionalities using **web browser** and **pyautogui** to open applications and perform web searches seamlessly.
- ❖ **Knowledge Integration:** Leveraged Wikipedia for information retrieval and OpenAI for advanced natural language processing capabilities.