

RAHUL KUMAR

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OBJECTIVE

Highly motivated Full Stack Developer with expertise in building dynamic & responsive web applications using the MERN stack. Recent graduate in Master's degree in Computer Application(MCA). Proficient in JavaScript, React.js, Node.js, and MongoDB. Looking to contribute my technical skills and experience in a full-stack development role.

EDUCATION

Masters of Computer Application	2022-2024
Birla Institute of Technology, Mesra, Ranchi	CGPA: 8.30
Bachelors of Computer Application	2018-2021
Lalit Narayan Institute Of Economic Development And Social Changes, Patna	Grade: 73.45%

TECHNICAL SKILLS

Language	C++, JavaScript, Python
Frontend	React, Redux, Tailwind CSS, Bootstrap, HTML, CSS
Database	MongoDB, MySQL
Tools/Cloud	Git, GitHub, AWS, Vite, Docker, Postman, RESTful API, Vercel
Coursework	DSA, Analysis of Algorithms, OOPs, OS, DBMS
Soft Skills	Problem-Solving, Leadership, Documentation, Communication, Teamwork

PROJECTS

Blogify (Code)	May 2024 - July 2024
<ul style="list-style-type: none">Developed a blog management application using React, Redux, and Appwrite, allowing users to create, edit, manage, and publish blog posts seamlessly. The project emphasizes scalability, user-friendly design, and efficient content management.Technologies Used: React, Redux, Appwrite, Tailwind CSS, React Router	
AI Virtual Voice Assistant (Code)	Feb 2024 - May 2024
<ul style="list-style-type: none">Developed an AI-driven virtual voice assistant capable of understanding and responding to user commands through Natural Language Processing (NLP), Machine Learning, and Neural Networks.Integrated speech recognition, natural language understanding, and text-to-speech technologies to create a seamless, interactive user experience.The assistant was designed to manage schedules, set reminders, search the web, control smart devices, and provide personalized responses based on user preferences.Technologies Used: Python, SpeechRecognition, Google Text-to-Speech (TTS), Git	
N-Queens Solver (Live) (Code)	Dec 2023
<ul style="list-style-type: none">Developed a web-based application to solve and visually represent the N-Queens problem, which involves placing N queens on an N×N chessboard so that no two queens threaten each other.Technologies Used: HTML, CSS, JavaScript	
Steganography (Image Processing) (Live) (Code)	Oct 2023 - Nov 2023
<ul style="list-style-type: none">Built a tool using a hybrid algorithm of Cryptography Advanced Encryption Standard (AES) and Least Significant Bit (LSB) to hide and retrieve information within images, ensuring the safety and security of long-distance communication.A message is encrypted in the image, sent to the receiver and decrypted again.	

- Technologies Used: **HTML**, **CSS**, **JavaScript**

CERTIFICATION

- Software Development Trainee, **AMCAT** Dec 2024
- Web Development Training, **Internshala** Apr 2021 - May 2021
- Ethical Hacking - Workshop, **IIT Patna** Aug 2019

ACHIEVEMENT

- **LeetCode** - 150 Challenge