

RAHUL KUMAR

[GitHub](#) | [Email](#) | [Linkdin](#) | [MyPortfolio](#)

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 technical skills and experience in a full-stack development role.

EDUCATION

Master of Computer Application	2022-2024
Birla Institute of Technology, Mesra, Ranchi	CGPA: 8.30

Bachelor 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
Coursework	DSA, Analysis of Algorithms, OOPs, OS, DBMS
Tools/Cloud	Git, GitHub, AWS, Vite, Docker
Soft Skills	Problem-Solving, Leadership, Documentation, Communication, Teamwork

PROJECTS

Blogify (Code)	May 2024 - July 2024
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- Developed a blog management application,implemented using (**React, Redux, and Appwrite**) that allows users to **create, edit, manage, and publish blog posts** seamlessly. The project emphasizes scalability, user-friendly design, and efficient content management, providing bloggers with an intuitive platform to share their thoughts and ideas with a broad audience.
- Technologies Used: **React, Redux, Appwrite, Tailwind CSS, React Router**

AI Virtual Voice Assistant (Code)	Feb 2024 - May 2024
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- Developed an AI-driven virtual voice assistant capable of understanding and responding to user commands through **natural language processing (NLP)**.
- This project integrated **speech recognition, natural language understanding, and text-to-speech** technologies to create a seamless, interactive user experience.
- The assistant was designed to perform various tasks, such as managing schedules, setting reminders, searching the web, controlling smart devices, and providing personalized responses based on user preferences.
- Technologies Used: **Python, SpeechRecognition, Google Text-to-Speech (TTS), Dialogflow, Git, Virtualenv**

N-Queens Solver (Live) (Code)	Dec 2023
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- 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
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- Built a tool using a hybrid algorithm of Cryptography AES (Advanced Encryption Standard) and Least Significant Bit (LSB) is used to demonstrate the ability to hide and retrieve information within images, ensuring long-distance communication's safety and security.

- A message is encrypted in the image. This image is sent to the receiver and is 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**

ACHIVEMENT

- **LeetCode**-150 Challenge