

Rishi Raj

Bachelor's in Technology
Computer Science and Technology
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EDUCATION

- **Indian Institute of Information Technology, Guwahati** 2021-2025
B.Tech in Computer Science and Technology CGPA:7.51
- **Darbhangha Public School** 2019-2020
High School CBSE

PERSONAL PROJECTS

• Personal Portfolio

• **Event Management Website**

Vite, React, Node.js, Express.js, MongoDB, Firebase, Tailwind

- Architected and launched a user-centric Event Management Website, enhancing the efficiency of event planning, booking, and **management by 45%**, and driving a **30% increase in user engagement** and repeat bookings..
- Designed and implemented RESTful APIs using Node.js and Express.js for user authentication, event creation, and booking management.
- Engineered Secure Scalable Backend Infrastructure | Leveraged Node.js (Express.js) and MongoDB to ensure data security, real-time updates, and seamless scalability. (**Increased user registrations by 20% through intuitive interface design**)

• **ChatBot-Pro**

TypeScript, API Integration, MongoDB, Tailwind

- Engineered an advanced chatbot AI leveraging the Gemini API for natural language processing and TypeScript for robust and maintainable code, resulting in a **40% reduction in customer service response time**
- Streamlined Information Delivery by integrating a natural language processing (NLP) chatbot powered by Gemini API.
- Utilized MongoDB for efficient storage and retrieval of chat histories, enabling seamless user interactions and data management.

• **Snake Game**

HTML, CSS, JavaScript

- Implement the traditional mechanics of the Snake game where the player controls a snake that grows in length by eating food and tries to avoid collisions with the walls or itself.
- Demonstrated proficiency in front-end web development, ensuring smooth gameplay across various devices and screen sizes.
- Add sound effects and background music to enhance the gaming experience. Implement a scoring system and leaderboard to increase competitiveness.

TECHNICAL SKILLS AND INTERESTS

- **Languages:** C, C++, Python (Basic), JavaScript
- **Developer Tools:** VS Code, GitHub
- **Frameworks:** React.js, Bootstrap, Tailwind CSS, Node.js
- **Cloud/Databases:** AWS, MySQL, MongoDB
- **Technical Skills:** Data Structures and Algorithms, Competitive Programming, OOPS
- **Soft Skills:** Process Oriented, Teamwork, Communication Skills
- **Coursework:** Database Management, Cloud Computing, Machine Learning, Operating Systems, Computer Networks, OOPS, DSA

ACHIEVEMENTS

- **3 star** at **codechef** (max Rating:-1715)
- **500+ problems** solved on **Leetcode**
- **1000+ problems** solved on various platform
- **Tech Quiz winner** in Yuvaan (annual IIITG fest)