

Rajat Kumar Singh

Roll No.: 12111056

Bachelor of Technology

Indian Institute of Information Technology Sonapat

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🐙 GitHub Profile

🌐 LinkedIn Profile

EDUCATION

•Bachelor of Technology in Computer Science and Engineering

2021-2025

Indian Institute of Information Technology Sonapat

CGPA: 8.1

TECHNICAL SKILLS

- **Languages:** C++, Python, JavaScript, Dart, SQL, HTML, CSS
- **Frameworks/Technologies:** React.js, Node.js, Express.js, MongoDB, Figma, MySQL

EXPERIENCE

•Software Developer

May 2024 - July 2024

Ascer Solutions

Remote

- Designed and implemented user interfaces in Figma and React.js, improving application consistency and user experience.
- Fixed multiple bugs, integrated frontend with backend using JSON, and enhanced computer network proficiency through test case development for Wi-Fi features.

•Software Developer Intern

Sep 2024 - Nov 2024

Wavemetrik

Remote

- Designed and developed a responsive company landing page, ensuring cross-platform compatibility.
- Enhanced features and fixed bugs in client software, creating Windows and Linux executables for multi-device scalability.
- Resolved backend data bugs to ensure consistent data flow and implemented Socket.io for robust multi-client server support.

PERSONAL PROJECTS

•My-Fasal



Python, Machine Learning, Flask, React.js

- Developed a machine-learning-powered crop prediction system to assist farmers with decision-making.
- Integrated weather APIs and soil data analysis to recommend optimal crops tailored to environmental conditions.
- Engineered a user-friendly interface in React.js with Tailwind CSS for seamless user interaction.
- Achieved 95% prediction accuracy using a Random Forest classifier for data-driven insights.

•ChatBuddy



React.js, Socket.IO, Express.js, Node.js

- Created a responsive chat application for real-time communication.
- Implemented WebSocket-based communication and user authentication.
- Developed modular components, including message broadcasting and status indicators.

•Gamers Coup



HTML, CSS, JavaScript

- Built a social media platform tailored for gaming enthusiasts.
- Incorporated an interactive theme customizer and search functionality.
- Implemented client-side validations and notification systems.

EXTRA-CURRICULARS

- **LeetCode** Solved 200+ questions, 1584 contest rating
- **Productathon AI Hackathon Finalist** IIT Roorkee
- **Coordinator at Capture El Memento** Photography Club
- **YouTube Content Creator** Managing a channel with 42,000+ subscribers

