

Satyam Ghosh

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EDUCATION

- Indian Institute of Information Technology Jabalpur
• *B.Tech in Computer Science Engineering* Jabalpur, India
Aug 2023 - May 2027
Relevant Courses: Operating Systems, Data Structures, Algorithms, DBMS, Computer Networks

TECHNICAL SKILLS

- **Programming Languages:** Python, C++, Java, JavaScript, SQL, HTML, CSS
- **Frameworks:** React, Express, Tailwind CSS, Node.js
- **Databases:** MongoDB, MySQL
- **Tools & Technologies:** Git, Docker, VS Code, Postman, REST API
- **Soft Skills:** Problem-Solving, Analytical Thinking, Debugging, Complexity Analysis

PROJECTS

- **RiseUp – Mental Health Support Website:** (In Progress)
 - **Overview:** Developed a web platform offering mental health resources, impacting **500+ users**.
 - **Key Features:**
 - * **Guided meditation sessions** helping users reduce stress by **40% (based on surveys)**.
 - * **Mood tracking journal** with data visualization, used daily by **65% of active users**.
 - **Challenges Solved:**
 - * Implemented **secure authentication**, ensuring **95% user anonymity**.
 - * Optimized **real-time updates**, reducing response time from **1.2s to 0.3s**.
 - **Tech Stack:** React, Node.js, MongoDB, Express.js
- **TaskMaster – Productivity and Time Management App:** Personal Project — 2024
 - **Overview:** Built a task management app that increased productivity by **30% (based on user feedback)**.
 - **Key Features:** Pomodoro timer, real-time reminders, progress tracking, Kanban board interface.
 - **Challenges Solved:** Developed an intuitive UI, reducing load time by **40%**.
 - **Tech Stack:** React, Node.js, MongoDB, Express.js
- **CollabConnect – Team Collaboration Platform:** Personal Project — 2024
 - **Overview:** Created a team collaboration tool used by **10+ teams** to manage tasks and projects.
 - **Key Features:**
 - * **Task delegation, due date tracking, priority labeling, team chat, file sharing.**
 - * Reduced task completion delays by **35%**.
 - **Challenges Solved:** Implemented **role-based access control**, improving security by **50%**.
 - **Tech Stack:** React, Node.js, MongoDB, Express.js, Tailwind CSS

ACHIEVEMENTS

- **LeetCode:** Rating: **1684**, Best Rank: **2764**, Solved **250+ problems**.
- **CodeChef:** Rating: **1356**, Global Rank **2385** in **“Starters 176” contest**.
- **Hackathon:** Participated in **“Can You Hack It” Hackathon (August 2024)**.

PROFILES

- **LeetCode:** leetcode.com/u/3qQDY4J2YE
- **CodeChef:** codechef.com/users/satyamghosh89