

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

TECHNICAL SKILLS

- Programming Languages: Python, C++, Java, JavaScript, SQL, HTML, CSS
- Frameworks: React, Express, Tailwind CSS, Node.js
- Databases: MongoDB, MySQL, PostgreSQL
- Tools & Technologies: Git, Docker, VS Code, Postman, REST API, JWT Authentication
- Technical Abilities: Debugging complex issues, optimizing database performance, developing scalable web applications

PROJECTS

Recipen – Community-Driven Recipe Platform

- Built a full-stack recipe-sharing platform, enabling seamless user interaction and content management.
- Secured authentication with JWT, reducing unauthorized access by **94%**.
- Optimized MongoDB queries, cutting data retrieval time by **58%** for **100+ recipes and blogs**.
- Enhanced UI with React.js and Redux, improving page load speed by **42%** and increasing user retention.
- Implemented real-time search and filtering, reducing recipe lookup time and improving user engagement..

iCinema – Movie Browsing Platform

- Developed a MERN-based movie browsing system serving .
- Implemented efficient filtering, reducing movie search latency by **55%** for **1,000+ titles**.
- Built a responsive UI with React.js, Redux, and Bootstrap, boosting session duration.
- Deployed MongoDB indexing, accelerating data retrieval speeds by **45%**.

SUKOON – Mental Health Awareness Platform

- Established a mental health awareness platform.
- Designed an engaging UI with React.js, reducing bounce rates by **40%** and improving average session time .
- Secured backend with Firebase, ensuring **99.9% uptime** and encrypting **100%** of user data.
- Integrated JokeAPI and MemeGen API, increasing daily user interactions by **50%**.

ACHIEVEMENTS

- LeetCode Performance:** Achieved **1700+ rating**, ranked **2764**, solved **350+ problems**.
- CodeChef Rankings:** Secured **global rank 784** in "Starters 176" with a **1461 rating**.
- Ranked in the Top 10 :** out of **50+ teams** in "Can You Hack It" Hackathon (Aug 2024) .

PROFILES

- LeetCode:** leetcode.com/u/3qQDY4J2YE
- CodeChef:** codechef.com/users/satyamghoshs9
- LinkedIn:** linkedin.com/in/satyam-ghosh-43b81a290