



Nikhil Sonkar

Roll No.: 2022UG1111

Bachelor of Technology

Computer Science and Engineering

Indian Institute Of Information Technology, Ranchi

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🔗 GitHub Profile

EDUCATION

•Indian Institute Of Information Technology, Ranchi

2022-26

B.Tech (Computer Science and Engineering)

CGPA: 7.13

TECHNICAL SKILLS AND INTERESTS

Programming Languages: C, C++, Java, JavaScript, TypeScript, HTML, CSS

Tools and Frameworks: Node.js, Express.js, MongoDB, MySQL, React.js

Coursework: Compiler Design, Database Management, Operating Systems, Computer Networks

Skills: Software Development, Data Structures and Algorithms, Unit Testing, Code Reviews, Debugging, Documentation, Competitive Programming, Unix/Linux environments, Git, Information retrieval, Object-oriented programming, English

Areas of Interest: Web Development, Data Structures and Algorithms

PERSONAL PROJECTS

Task Manager App 🔄 🔗

March 2025

A full-stack productivity web app to create, manage, and track daily tasks with authentication and user-specific data.

- Tools & technologies used: MongoDB, Express.js, React.js, Node.js, JavaScript, CSS
- Developed a secure and scalable backend using Express.js and MongoDB to handle task CRUD operations and user sessions.
- Designed a responsive and intuitive frontend with React.js for managing tasks, updating statuses, and real-time UI updates.
- Integrated JWT-based authentication and authorization for protected routes and personalized dashboards.
- Deployed the full-stack app for seamless performance and accessibility using modern deployment tools.

Realtime Chat App 🔄 🔗

July 2025

A real-time chat application for online chats, online users updates, and member management.

- Tools & technologies used: Node.js, Express.js, React.js, JavaScript, Mongoose, Socket.IO, Cloudinary
- Developed a secure backend with Node.js and Express.js, implementing Socket.IO for real-time communication.
- Engineered robust data storage using MongoDB with schema modeling via Mongoose, enabling efficient data management.
- Architected bidirectional data exchange using Axios to ensure smooth frontend-backend synchronization.
- Created an interactive UI with React.js, with Material-UI Icons.

ACHIEVEMENTS

•**LeetCode**: Profile link - Solved 400+ problems with max rating 1729.

•**Codechef**: Profile link -Achieved top 45 and 188 rank in Contests starters 196 and 192 respectively with max (Rating: 1700+).

•**Codeforces**: Profile link -Achieved Specialist (Rating: 1400+) on Codeforces after participating in 30+ contests..

•**Google Solution Challenge 2024**: Orchestrated team efforts as a part of the team Sustainability Strategists in the 2024 Google Solution Challenge, to formulate innovative approaches for economic challenges.

POSITIONS OF RESPONSIBILITY

•**Wing Member**, House of Geeks, Software Development Wing

2024-Present

•**Team Member**, House of Geeks, Competitive Programming Wing.

2023-Present

•**Member**, House of Geeks, Software Development Wing.

2022-Present