MOHIT SAHU

✉ mohitsahu60067@gmail.com | ▦ +91 9644019557 | [GitHub](#) | 🔗 [LinkedIn](#) | 🏆 [LeetCode](#)

Profile:

Motivated and detail-oriented engineering student with a solid understanding of software development principles. Experienced in building full-stack applications using technologies like React.js, Node.js, Express, MongoDB, and more. Strong in problem-solving and collaborating with others to create innovative and scalable solutions.

Projects:

- **Code Nest - Online Code Editor**
  - [Code](#) | [Demo Video]
  - Built a real-time editor with terminal and live browser, replicating industry-standard platforms.
  - Leveraged Docker for containerized project execution, ensuring scalability.
  - Integrated a command-line interface (CLI) into the editor, enabling in-editor execution of developer commands.
  - Implemented a live browser window to instantly render project changes, optimizing development loops.
    Tech Stack: JavaScript, React, Node.js, Express.js, Docker

- **HLS Video Streaming Website**
  - [Code](#)| [Demo Video]
  - Developed full-stack HLS video streaming app with React (TypeScript), Node.js, and Express.
  - Processed videos with fluent-ffmpeg, generated .m3u8 playlists, and handled uploads via multer.
  - Managed video metadata with Prisma and MongoDB, and served static HLS streams for playback.

- **Talkify Website**
  - [Frontend Code](#) | [Backend Code](#)
  - Developed a full-stack chat app with React.js, Node.js, Express.js, and MongoDB for real-time messaging.
  - Integrated Socket.IO for real-time communication and React Query for efficient data management.
  - Implemented secure Razor pay payment gateway for transaction handling.
  - Used Tailwind CSS for responsive design, ShadCN for customizable components, and Radix UI for accessibility.
  - Integrated AWS S3 for cloud storage and implemented JWT authentication and Bull for job queuing and secure user login.

Education:

- **B.Tech in Computer Science**
  Samrat Ashok Technological Institute
  Degree expected in 2026 | CGPA: 7.6
  - Relevant coursework: Software Development, Data Structures, Web Development, Database Management, Algorithms

Skills:

- Programming Language:
- C++, JavaScript
- Web Development:
- HTML, CSS, React.js, Redux, Node.js, Express, MongoDB,
- WebSocket, Docker, Tailwind CSS, ShadCN, UI,
- Tools: Git, GitHub, Postman

Achievement:

- Solved 150+ problems on LeetCode, specializing in Data Structures and Algorithms