

Sai Mounika Kotapati

IIT Bhilai, Chhattisgarh

kotapatisaimounika@gmail.com — +91 8688252549

LinkedIn — GitHub

Education

Indian Institute of Technology Bhilai

B.Tech in Computer Science and Engineering

CGPA: 7.41 / 10

2024 – 2028

Narayana Junior College, Ongole

Higher Secondary Education – 98.3%

2022 – 2024

Technical Skills

- Languages:** C, C++, Python, JavaScript
- Data Structures & Algorithms**
- Frontend:** HTML, CSS, React.js, Tailwind CSS
- Backend:** Node.js, Express.js
- Databases:** MongoDB, MySQL
- Tools:** Git, GitHub, Postman, Google Colab, Matplotlib

Projects

QuickChat – Real-Time Chat Application

Dec 2025

React, Node.js, Express.js, MongoDB, Socket.IO, JWT, Cloudinary

- Built a full-stack real-time chat application enabling low-latency messaging using WebSockets (Socket.IO).
- Implemented secure JWT-based authentication, protected routes, and user session management.
- Developed features such as online/offline presence, message read receipts, image sharing, and user search.
- Designed a responsive and intuitive UI using React and Tailwind CSS with centralized state management via Context API.

Forms Portal – IIT Bhilai

May 2025

HTML, CSS

- Designed and developed a web portal to digitize mess form submissions for students.
- Implemented client-side validation and responsive layouts to enhance usability across devices.

Bus Ticket Booking System

Nov 2025

HTML, CSS, JavaScript, Node.js, Express.js, MySQL

- Developed an online ticket booking platform supporting seat selection, scheduling, and fare computation.
- Designed RESTful APIs and integrated MySQL for efficient storage and retrieval of booking data.
- Applied modular backend design and collaborated with teammates using Git.

Amazon Books Data Analysis

Jun 2025

Python, Pandas, Matplotlib, Seaborn

- Performed exploratory data analysis on Amazon books data to analyze pricing, ratings, and review trends.
- Cleaned and visualized large datasets to identify correlations and meaningful patterns.

Achievements

- Secured 98.39 percentile in JEE Main 2024
- Secured AIR 14697 in JEE Advanced 2024