

ADITYA MISHRA

📞 +91-7307944423 ✉ adityamishra0905@gmail.com [in](#) [Linkedln](#) [GitHub](#)

Education

B.Tech computer science and engineering

Graduated: 2026

Feroze Gandhi Institute of Engineering And technology, Raebareli

7

Class 12 CBSE

Graduated: 2021

ABS International School, Jaunpur

86.8

Skills

Programming Language: JavaScript, Java, C, Python

Frontend: HTML, CSS, React.js, Bootstrap

Backend: Node.js, Express.js, REST APIs

Database: MongoDB, MySQL

Tools And Technologies: Git, GitHub, VS Code, Socket.IO

Core CS Concepts: OOPS, DBMS, Operating Systems, Computer Networks

Projects

Real-Time Collaborative Code Editor

Tech Stack: React.js, Node.js, Express.js, Socket.IO, Monaco Editor, Piston API

- Designed and developed a real-time collaborative code editor using React.js and Node.js, supporting multiple users per session.
- Implemented Socket.IO-based WebSocket communication to achieve near real-time code synchronization (~300 ms latency).
- Enabled room-based collaboration, allowing users to create and join unique coding rooms.
- Integrated Monaco Editor to provide an IDE-like coding experience in the browser.
- Implemented multi-language code execution for 4+ languages (C++, Java, Python, JavaScript) using Piston API.
- Built RESTful APIs using Express.js for room creation, user management, and code execution requests.
- Improved application responsiveness and stability through efficient state management and event handling.

AI Blog Generator

Tech Stack: React.js, JavaScript, Tailwind CSS, Gemini API

- Developed a responsive Single Page Application (SPA) using React.js to generate AI-based blog ideas.
- Integrated Gemini API using asynchronous API calls to dynamically generate content.
- Implemented async/await to handle API responses efficiently and reduce UI blocking.
- Utilized React hooks for state management and optimized component re-rendering.

Achievements & Certifications

- **TCS CodeVita:** Secured Rank 57 (Round 1) and Rank 585 (Round 2), showcasing strong problem-solving and competitive programming skills.
- **Oracle Cloud Infrastructure AI Foundations Associate (2025) :** – Gained foundational understanding of cloud computing and AI concepts. [link](#)
- **Full Stack Development (MERN Stack) – NIELIT, Gorakhpur** covering React.js, Node.js, Express.js, MongoDB, and RESTful API development. [link](#)
- **Placement Coordinator:** Led campus placement initiatives by coordinating with recruiters, managing student-company communication, scheduling interviews, and ensuring smooth execution of **recruitment drives**.