Chitransh Mishra

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PROJECTS

Project: Online Code Editor – Real-Time Coding Environment:

Technologies: React.js, Node.js, WebSocket, HTML, CSS, JavaScript.

- Developed a browser-based code editor enabling real-time execution of HTML, CSS, and JavaScript.
- Ensured efficient client-server communication for accurate code execution and instant output rendering.

Chatbot–AI-based Chat Assistant:

(link: **https://chitransh541.github.io/chatbot/**)

Technologies: JavaScript, Gemini API, HTML5, CSS3.

- Implemented a chatbot using the Gemini API that responds to both text and image inputs, generating intelligent and context-aware replies for enhanced user interaction.

Sudoku Solver - Java Console Application (Java, Backtracking, DSA):

(link:**https://github.com/chitransh541/suduko_solver/blob/main/suduko_solver.java**)

- Developed a console-based Sudoku solver using recursive logic to solve 9x9 boards while adhering to standard Sudoku constraints.

NewsMonkey – News Web App:

(link: **https://newsmonkey-nkfh.onrender.com**)

Technologies: React.js, Bootstrap, JavaScript, NewsAPI.

- Developed a responsive news app using NewsAPI for real-time headlines.
- Implemented dark/light mode toggle, pagination, and modular components.
- Used class-based components, async API calls, and Bootstrap for UI/UX.

Task Scheduler – Java Console Application (Java, Timer, OOPs):

(link:**https://github.com/chitransh541/task_scheduler/blob/main/TaskScheduler.java**)

- Developed a console-based task scheduler to create, update, and manage tasks with custom deadlines.
- Applied core OOP concepts such as encapsulation and abstraction for modular task management.
- Implemented input validation and date-time handling for accurate scheduling.

SKILLS

Technical Skills

- **Programming:** Java (**OOPs, Data Structures and Algorithms**), C, Python.
- **Frontend:** HTML, CSS, Bootstrap, Javascript, Tailwind, React.js.
- **Backend:** Node.js, REST API development.
- **Database:** SQL

Interpersonal Skills

- Good Communication
- Adaptable
- Leadership
- Good Listener

CERTIFICATIONS

160 Days of Problem Solving (with Summer Workshops)

- *GeeksforGeeks — Completed a 22-week structured course focused on daily problem-solving in Data Structures & Algorithms.* Certificate:

Cuvette Internship/Training Program

- *Cuvette — Completed on 24 May 2025 (Include brief description if available, e.g., "Worked on full-stack development tasks including React and Node.js projects.").*

EDUCATION

G.L. Bajaj Institute of Technology & Management,
Dr. A.P.J. Abdul Kalam Technical University (AKTU),
Uttar Pradesh.
Duration: 2022 – 2026   Current Aggregate: 80.5%

- Coursework includes Data Structures & Algorithms, Web Technologies, DBMS, OOPs, and Software Engineering.
- Actively involved in project-based learning, hackathons, and technical communities.

Senior Secondary (12th)
Mother Teresa Mission Higher Secondary School, ICSE
Passing Year: 2022   *Percentage:* 93.25%

Secondary (10th)
Mother Teresa Mission Higher Secondary School, CISE
Passing Year: 2020   *Percentage:* 92.4%

EXTRACURRICULAR

- **Problem Solving:** Solved 500+ problems on LeetCode & GeeksforGeeks.
- **Coding Contests:** Participated 20+ contests in CodeChef and LeetCode challenges.
- Having 5 star in Hacker Rank.