ANKUR GUPTA

[Github](#) | [Linkedin](#)

+91 9310535213 | ankurg0824@gmail.com

Full Stack MERN developer skilled in React, Node.js, Express, and MongoDB. Strong in data structures, algorithms, and clean code. Quick learner with hands-on project experience and REST API design.

PROJECTS

FULL STACK ONLINE CODE COMPILER

Personal Project | [Link](#)

2025 – PRESENT
ONLINE CODE COMPILER | REACT · MONACO · JUDGE0 (RAPIDAPI)
Built a SPA code editor with live multi-language editing and secure compile/execution via Judge0. Modular design using Zustand state, React Query caching, and **Ctrl+Enter** shortcut.

BIGINT LIBRARY

Personal Project | [Link](#)

2024 – 2025
Engineered a high-performance library handling integers up to **10,000 digits** with operator overloading plus **Fibonacci (F_{1000}) and Catalan (C_{500})** functions. Achieved an 85% speed boost through optimized algorithms and memory management.

CHATAPP | MERN · STREAM CHAT & VIDEO · DAISYUI

Personal Project | [Link](#) | [Live Demo](#)

2025 – PRESENT

Developed a real-time MERN chat app featuring one-to-one messaging and audio/video calls via Stream SDK with JWT auth. Managed UI state with **Zustand**, data fetching with **TanStack Query**, styled in Tailwind + DaisyUI.

EDUCATION

BACHELOR OF COMPUTER APPLICATIONS (BCA)

Jagan Institute of Management Studies, Rohini Sec-5

AUG 2022 – AUG 2025 | CGPA 8.7

BACHELOR OF COMPUTER APPLICATIONS (BCA)

GSV Lancer Road Senior Secondary, New Delhi
JULY 2022 | 85.6%

SKILLS

- **Frontend:** React.js, Tailwind CSS, DaisyUI, React Router, Zustand, React Query
- **Backend:** Node.js, Express.js, JWT, REST APIs
- **Database:** MongoDB, Mongoose
- **Languages:** JavaScript (ES6+), C/C++, Java, Kotlin
- **Tools:** Git, VS Code, Postman, Vite, Render
- **Core:** Data Structures & Algorithms, OOP, Clean Architecture