

AMAN KUMAR

Phone: [9310697299](tel:9310697299) | Email: amankumar281023@gmail.com | LinkedIn: [linkedin.com/in/aman-kumar-india](https://www.linkedin.com/in/aman-kumar-india)
| GitHub: github.com/Amankr200 | Portfolio Website- <https://portfolio-new-aman.vercel.app/>

EDUCATION

Guru Gobind Singh Indraprastha University, (BPIT) Delhi
BTech - Information Technology - **CGPA – 9.0**

2023-2027
Rohini, New Delhi

Notre Dame School, Delhi
Class 12th – **PERCENT -90.2** - 2022

Class 10th – **PERCENT – 94** -2020

TECHNICAL SKILLS

Languages: C++, JavaScript
Core CS: Data Structures & Algorithms, Object-Oriented Programming, DBMS, OS ,CN fundamentals
Backend: Node.js, Express, REST APIs, WebSockets
Frontend: React.js
Databases: MongoDB
Distributed Systems: Redis
DevOps: Docker
Tools: Git, GitHub

PROJECTS

1)CodeBoard – Developer Portfolio & Global Leaderboard [LIVE WEBSITE](#)

- Built a MERN-based platform aggregating coding stats for **500+ students** across LeetCode, CodeChef, Codeforces, and GeeksForGeeks.
- Integrated APIs and custom scrapers to sync real-time problem-solving and contest data.
- Developed a **C Score ranking algorithm** based on problem volume, ratings, and consistency.
- Implemented automated data refresh every 6 hours using **node-cron**.
- Designed an interactive dashboard and real-time leaderboard with multi-parameter filtering.

Tech Stack: React.js, Node.js, Express.js, MongoDB, JWT, Recharts, Axios, Node-cron

2) SyncSphereDocs – Real-Time Collaborative Document System [LIVE WEBSITE](#)

- Built a scalable real-time document editor using **MERN** and **Socket.io**.
- Enabled low-latency sync with **WebSockets** and **Redis Pub/Sub** for horizontal scaling.
- Implemented **JWT** authentication, **Role-Based Access Control (Owner/Editor/Viewer)**, and **concurrency control**.
- Containerized services with **Docker** and **Docker Compose**.
-

Tech Stack: React.js, Node.js, Express, MongoDB, Socket.io, Redis, Docker

EXPERIENCE

Defence Research and Development Organisation (DRDO)

Internship

June – July 2025

- Worked on a Host-Based Intrusion Detection System using OSSEC.
- Performed log analysis and debugging to reduce false positives and improve detection accuracy.
- Customized rules/decoders and integrated automated email alerts.

ACHIEVEMENTS

- Contributed to open-source projects during [Hacktoberfest](#) and [GirlScript Summer of Code](#) (**Rank 506**).
- Solved 500+ Problems on [Leetcode](#) (Rating -1550), [CodeChef](#) (Rating-1425).
- Participated in **10+ hackathons** across national and college levels.

ROLES AND RESPONSIBILITIES

- **National Service Scheme, BPIT** - Responsible for society operations