ANMOL RAJ VERMA

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EDUCATION

National Institute of Technology, Agartala

2022 - 2026

B. Tech - Computer Science And Engineering - CGPA - 8.0

Agartala, Tripura

St. Paul's School

2020 - 2021

Matriculation (XII, ISC) - 94.5%

Gorakhpur, Uttar Pradesh

St. Paul's School

2018 - 2019

Intermediate (X, ICSE)- 93.4%

Gorakhpur, Uttar Pradesh

WORK EXPERIENCE

2025

- Refactored and optimized RESTful API endpoints by reducing redundant DB calls, implementing query-level caching, and restructuring route logic resulting in a 35 % reduction in average response time across key student and admin modules..
- Optimized MySQL queries and implemented page-level caching, improving backend data fetch speed by over 25%, especially for dynamic content like announcements and result sections.

National Informatics Centre 🗷 | Agartala, Tripura

2025

• Ongoing

PROJECTS

NITARDS(NITA's Own Social Networking Site) 🗷 | MERN + Socket.io + Chakra UI 2024

- * Developed a social networking platform for National Institute Of Technology Agartala using the MERN stack (MongoDB, Express, React, Node.js), enabling seamless interaction and community building among students.
- * Integrated real-time communication features with Socket.IO, allowing users to engage in instant messaging and live notifications, enhancing the interactive experience

Stock Market Portfolio App 🔁 | MongoDb,React,Node.js,Express.js,NPM

2024

- * Designed and developed a comprehensive Stock Market Portfolio application to efficiently manage and track investments, providing users with real-time data and analytics for informed decision-making.
- * Implemented advanced features for portfolio performance tracking and analysis, including graphical representations and custom alerts, enhancing user experience and investment strategy planning.

ACHIEVEMENTS

- · Secured 98 percentile in JEE Mains
- · 850+ rating on Codeforces
- · 1600+ rating on Leetcode
- · Solved 300+ problems on Leetcode

POSITIONS OF RESPONSIBILITY

- · PR Team Lead at Developers & Coders Club(DCC) NIT Agartala
- · Event Lead at Spic Macay
- · Core Member of DZIRE (Dance Club of NITA)

TECHNICAL SKILLS And SOFT SKILLS

- · Languages: Java, C++, Python, Javascript, C, SQL, HTML, CSS,
- · Technologies: React, Next.js, React Router, Tailwind CSS, Express.js, Mongo DB, NPM, Node.js
- · Other Tools: Visual Studio Code, Git & GitHub, Premier Pro, After Effects, ChatGPT, Figma, Canva
- · Relevant Coursework:OS,DBMS,OOPS,Computer Networks,Software Engineering,System Design
- · Clear communication of technical concepts; active in collaborative discussions.
- · Cooperative teamwork in diverse groups; skilled in giving and receiving constructive feedback.
- · Effective problem-solving with critical thinking and creativity for efficient solutions. Adaptive to new technologies;