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Ankit Kumar

Software Engineer

GitHub
LinkedIn
Portfolio

SKILLS

Programming Languages	Java, JavaScript, SQL
Tools & Platforms	Git, GitHub, Vercel, Postman, Render, LeetCode
Frameworks & Libraries	Express.js, React.js, Node.js, MongoDB, Tailwind CSS, Material UI, Socket.io, WebRTC, Bootstrap, bcrypt
Soft Skills	Leadership, Adaptability, Teamwork, Problem Solving

EDUCATION

Asansol Engineering College

Bachelor of Technology in Computer Science and Engineering — 8.203 CGPA

Coursework: Algorithms and Data Structures, Operating System, Database Management Systems, Computer Networks, Object Oriented Programming.

July 2022 — June 2026

Asansol, West Bengal

Kendriya Vidyalaya Asansol, Asansol

Senior Secondary Secondary Education

April 2010 — April 2022

Asansol, West Bengal

XII (CBSE) | Kendriya Vidyalaya Asansol

89.0% (2021-22)

X (CBSE) | Kendriya Vidyalaya Asansol

90.4% (2019-20)

PROJECTS

WanderLust

- Developed a full-stack travel accommodation platform **WanderLust** using **Node.js**, **Express.js**, **MongoDB** and **EJS** enabling users to explore, list, and review unique stays.
- Implemented secure authentication and authorization ensuring only verified users can manage listings and reviews.
- Integrated **Map APIs** to display property locations and **dynamic reviews system** allowing travelers to share real feedback on listings.
- Built using the **MVC architecture**, for scalability and clean code organization.
- Deployed the application on **Render**, ensuring smooth and reliable access across devices.

Mehfil (Video Conferencing Application)

- Built a real-time video conferencing app **Mehfil** using **Socket.io**, **Express.js**, **MongoDB** and **React**.
- Enabled **live meetings** via unique meeting codes with **real-time chat**, **screen sharing**, and **meeting history storage**.
- Password hashing with **bcrypt** to securely store and protect user credentials.
- Deployed on **Render** for reliable and scalable performance.
- Built **peer-to-peer (P2P)** connections using **WebRTC** for fast and low-latency video, audio, and data transfer in small team meetings.

Zerodha

- Built and deployed a stock trading platform **Zerodha** using **Node.js**, **Express.js**, **MongoDB**, **React.js**, and **Bootstrap**.
- Implemented secure authentication and a **dashboard** to track trades, holdings, and funds in real-time.
- Deployed frontend on **Vercel** and backend on **Render** for reliable and scalable performance.

ACTIVITIES

Activities

- Solved 250+ DSA problems on LeetCode (350+ across platforms), Proficient in Data Structures and Algorithms, including arrays, linked lists, stacks, queues, trees, graphs and advanced sorting techniques.
- Participated in a hackathon conducted by **IIT ISM Dhanbad**, collaborating on real-world problem-solving projects.

ACHIEVEMENTS HOBBIES

Hobbies & Achievements

- Jagran Genius Award 2022
- Regional Level Science Olympiad participant
- Chess player with rating 800+ on **chess.com**