Viraj BHardwaj

📞 +91-9896008137 ✉ viraj.bhardwaj22b@iiitg.ac.in in LinkedIn Github </> LeetCode

Education

Indian Institute of Information Technology, Guwahati   **2022 - 2026**
BTech CSE

DAV Public School, Kaithal   **2021**
Class XII: CBSE   *92.4%*

DAV Public School, Kaithal   **2019**
Class X: CBSE   *83.4%*

Technical Skills

Programming Languages: C/C++, Python, Javascript, Typescript
Frameworks/Libraries: HTML, CSS , JS, React.js, Recoil, Tailwind CSS, GSAP, Framer Motion, Node.js, Express.js, Next.js, Redis, Kafka, Socket.io , Zod, Prisma ORM, PostgresDB, Docker, Prometheus, Grafana
Technologies: Git, Github, Postman, AWS
Operating Systems: Linux, Windows

Relevant Coursework

Computer Networks, Theory of Computation, Machine Learning, Cloud Computing, Data Structures and Algorithms, Operating Systems, IT Workshop (Java), Database Management Systems (MySQL), Artificial Intelligence

Projects

ZAPIER

- Developed a custom automation platform inspired by Zapier to streamline task automation and integration between various web applications.
- Designed and implemented a modular automation system using Node.js, Prisma ORM, PostgreSQL, allowing users to create "Zaps" to automate workflows between different services.
- Built a user-friendly interface with React, Tailwind enabling users to configure triggers and actions for their automation workflows.
- Optimized database queries with Prisma and PostgreSQL, improving the performance of workflow execution and data retrieval.

THREADS CLONE

- Developed a social media application inspired by Threads, enabling users to share text-based content and engage in discussions in real-time.
- Designed and implemented a scalable architecture using Node.js and Express to efficiently handle user requests and interactions.
- Built a dynamic front-end using React and Tailwind CSS, creating an intuitive user interface for seamless navigation and user experience.
- Created a RESTful API to manage user profiles, posts, and comments, with data persistence handled by Prisma ORM and PostgresDB.
- Integrated real-time communication using WebSockets, enabling instant messaging and updates for user interactions (likes, comments, notifications).
- Enhanced user engagement through features like follow/unfollow functionality, post sharing, and activity feeds.