Manish Kumar Gupta

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SUMMARY

Meticulous final-year IT undergraduate with a solid foundation in web development technologies and hands-on experience in **JavaScript/TypeScript, React.js, Next.js, Express.js, and Node.js**. Skilled in containerization using **Docker**, **CI/CD with GitHub Actions**, **AWS EC2**, and integrating **REST/GraphQL APIs**. Demonstrates effectiveness in delivering solutions and adaptability in dynamic environments.

PROJECTS

Anime Bucket | **Link** | **Github** | *NextJS 14, NextAuth, MongoDB, TailwindCSS, Framer Motion, Vercel*

- **Created AniBucket**, a **web application** for **anime fans** to **track and organize** their favorite shows by categorizing them as **watched**, **planned**, or **dropped**, and featuring a **dashboard** for managing these categories.
- Implemented **infinite scrolling** for **seamless browsing** through anime lists, allowing users to effortlessly **select and manage** their shows.
- Leveraged **MongoDB** for **scalable data storage** and **Next.js server actions** for **efficient data fetching**, ensuring a **performant** and **responsive user experience**.

Snappy | **Link** | **Github** | *Next.js, Typescript, MongoDB, ShadCN*

- **Developed** a **web application** similar to **Snapchat**, allowing users to **log in**, **view friends**, and **exchange messages and images**. The application features a **main page** with a **sidebar** for friends and a **chat interface** for **real-time interactions**.
- Enabled users to **send images and texts** to individual or **multiple users simultaneously**, with **message statuses** (sent/received/opened) for images and texts. Users can **initiate chats** from the friends list or **send snaps** to multiple users via the **main page camera button**.
- Utilized **Next.js**, **TypeScript**, **MongoDB**, and **NextAuth** (GitHub and Google OAuth) for authentication. Employed **Cloudinary** for **image storage** and **Blob conversion** for efficient image management and **rendering in chats**

Real-time Voting System | **Link** | **Github**| *Typescript,Next.js, Redis, WebSockets, ShadCN*

- Developed a **real-time voting system** using **Next.js**, **Redis**, and **WebSockets**. Users can select a topic and vote on it, with the results displayed on a dynamic **wall of text**, showing more frequently voted opinions in **larger text** and less frequent ones in **smaller text**.
- Implemented a **real-time wall of text** using the **VISX library by Airbnb** that updates dynamically to reflect voting results, showcasing the most popular opinions prominently. Users can cast votes on various topics, with **instant updates** visible to all participants.
- Utilized **Next.js** for the frontend, **Redis** for efficient data management, and **WebSockets** for real-time communication. Employed an **Airbnb library** for rendering the text wall and created a separate **WebSocket server** to handle seamless, real-time updates of votes.

TECHNICAL SKILLS

Languages: JavaScript, Typescript, Java, HTML5, CSS3
Frameworks and Libraries: React, NextJS, Node.js, Express.js, TailwindCSS, Bootstrap and Recoil
Databases: MongoDB and SQL
Developer Tools: Git, Github, GraphQL, Vercel, Firebase, Linux
Devops: CI/CD(Github Actions), Docker, AWS EC2
Core: OOPs, Operating System, Computer Networks, DBMS

EDUCATION

Guru Gobind Singh Indraprastha University   Delhi, India
Bachelor's of Technology in Information Technology   *2021 – 2025*

Cambrian Public School   Ranchi,Jharkhand
High School   *2018 – 2020*