

SPARSH VERMA

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SKILLS

- **Frontend** : HTML , CSS , JavaScript, NextJS ,TypeScript, ReactJS, Redux, Redux Toolkit, React Query
- **Backend** : NodeJS, ExpressJS, Mongoose, Prisma, NextJS, Zod
- **Databases**: MongoDB, MySQL, PostgreSQL, Redis
- **Coding Profiles** : [Leetcode](#) [GeeksForGeeks](#)

PROJECTS

- **iSocial** : Built a social media blogging application with end-to-end user authentication using **NextAuth** and implemented complex state management using **Redux and Redux Toolkit to manage loading time from 10.02 seconds to 7 seconds**. It also includes real-time chat functionalities using Pusher, and schema validations are done using **Zod**, and **TypeScript** has been used for better and verbose code. The blogging application uses **MongoDB**, and the chat application uses **Redis** for caching and faster data retrieval. ([GitHub Repository](#)) ([Deployment](#))
- **Youtube Clone** : Built a full-stack Youtube Clone with user authentication and authorization with personalized channel creation methodologies and schema definitions done using **Prisma ORM**, and integrating **MongoDB** database with indexing for faster query retrievals for video searching functionalities. **TypeScript** has been integrated for better control over the code. **Cloudinary** has been used for video uploading ([GitHub Repository](#)) ([Deployment](#))
- **ECommerce Store** : Built an ECommerce Store with end-to-end user authentication and complete payments integration with **Stripe**, using **NextJS, TypeScript, MongoDB, Firebase, and TailwindCSS**. Products can be added to the store from a separately designed admin panel ([GitHub Repository](#)) ([Link](#))
- **Crypto Web App** : Built a simple cryptocurrency web app using **JavaScript, ReactJS**, and **ChakraUI** for UI definitions and **Coinsgecko API** for data retrieval and relevant information filtering. Coins searching functionality has been implemented using regular expressions ([Try it here](#))

EDUCATION

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| • Bachelors in Technology (Babu Banarsi Das University)
Computer Science and Engineering (8.41 CGPA) | Expected 2024 |
| • Intermediate (Lucknow Public School) 96.25% | 2017 - 2019 |
| • High School (Lucknow Public School) 91.40 % | 2015 - 2017 |

ACHIEVEMENTS

- Leetcode Badges - (July, August, September)
- GeeksForGeeks - Rank 9 in BBDU
- Cleared Flipkart Grid 5.0 Level 1 : Software Engineering Track ([Certificate](#))

INTERESTS

- Machine Learning
- Artificial Intelligence