DIVYANSHU KUMAR

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EDUCATION

EXPERIENCE

Desi QnA | MERN Developer Intern (Remote)   **Apr 2024 - Sep 2024**

- Developed a fully responsive webpage for Desi QnA, resulting in a 20% increase in user engagement.
- Implemented user verification and authentication processes, tackling engineering challenges to detect and remove fake bots and posts.
- Integrated Google reCAPTCHA to enhance website security and protect against bot attacks.

PROJECTS

CodeCollab | ReactJS, NodeJS, Socket.io, Express ◯ | 🎥   **Nov 2024**

- Built a real-time code-sharing platform using Socket.io for synchronized collaboration, allowing multiple users to edit code simultaneously with instant updates.
- Integrated a versatile code editor with support for multiple programming languages and live code compiling using third-party APIs, enhancing the platform's usability and flexibility.
- Designed UI with React and TailwindCSS, including features such as theme customization, font adjustment, and syntax highlighting for a seamless editing experience.
- Implemented robust server-side error handling and disconnection management to ensure smooth collaboration, including join and leave notifications.

Foodio | MongoDB, Express, ReactJS, NodeJS ◯ | 🔗   **Mar 2024**

- Engineered a full-stack food app with React, Redux Toolkit, React Router DOM, and TailwindCSS for styling.
- Developed backend with Express and Mongoose, integrating Cloudinary for image storage, and JWT with bcrypt for secure user authentication.
- Created an admin panel for food and order management, integrated Stripe for payment processing, and used Axios for backend communication.

MyTube | ReactJS, Redux Toolkit, TailwindCSS ◯ | 🔗   **Dec 2023**

- Developed dynamic search with auto-suggestions and debouncing using YouTube API v3, integrated with a robust nested comments section for optimized performance and enhanced user engagement.
- Integrated infinite scrolling for smooth browsing, leveraging YouTube Query API to dynamically load content based on user preferences, ensuring a fluid and engaging experience.
- Integrated debouncing to reduce API calls by up to 70-80% during user searches, minimizing unnecessary requests

Technical Skills

Languages: C++, JavaScript, Python
Frontend Technologies: React.js, Redux, Redux Toolkit, HTML, CSS, TailwindCSS, Next.js
Backend Technologies: Node.js, Express.js, MongoDB, MySQL, PostgreSQL, RESTful APIs
Tools & Technologies: Git, Docker, CI/CD, AWS, Agile Methodologies, Webpack, Babel

ACHIEVEMENTS

- Solved 300+ Problems across Platforms
- Achieved Max of 1517 Ratings on **LeetCode**