Himanshu Kumar

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TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML, CSS
Frontend : React optimization, Lazy loading, Code splitting, TailwindCSS
Frameworks: ReactJS, NodeJS, ExpressJS, NextJS, Redux, RTK, RTK Query, Mongoose, OAuth, Multer
Tools: Git, GitHub, Docker, Postman
Cloud: AWS, Render, Netlify, Vercel
Database: MySQL, MongoDB

EXPERIENCE

FullStack Developer   Jan 2024 - Present
Freelance   *Remote*

- currently working on a School Management System
- used cron job to schedule auto scrapping
- Made Google Map Scrapper where multiple worker created on the base of input and runs in parallel to scrape multile pincode at a time
- Made a website scrapper which scrapes contact and gmail info from websites.
- Bulk email send which is auto scheduled
- Bulk insertion to mysql db by reading data from excel file uploaded
- Implemented secure user authentication and authorization with role-based access control
- Enabled TC (Transfer Certificate) download for students using TC number and issuance date, facilitating easy access to essential documents.
- Developed an intuitive admission form for parents to apply online, with automated email notifications to both parents and the principal upon submission.
- Integrated Razorpay for seamless online payment processing, ensuring efficient fee payments and real-time confirmation messages.
- Implemented principal-exclusive features including notice uploads, dynamic notice replacement, and image management for enhanced communication.
- Provided principal with tools to upload TC files, manage school and staff information, and upload/edit PDF documents, streamlining administrative tasks.

PROJECTS

Cloud-ide | *docker,http-server-proxy,MySQL, socket.io, ReactJS, NodeJS* | GitHub   Oct 2024 - Nov 2024

- Built my own cloud editor there is main server running which proxy request to their respective container used docker where each user gets one container users can code in react and nodejs both users can invite their friend to debug their code
- Implemented RESTful APIs with scalable backend, CRUD operations, containerisation and PROXY websocket to their respective container

School Web App | *MySQL, ExpressJS, ReactJS, NodeJS, Multer* | Live   Jan 2024 - March 2024

- Developed two full-stack school web applications optimizing performance using techniques like useMemo, code splitting, lazy loading, and webp format images for improved web performance
- Implemented RESTful APIs with scalable backend, CRUD operations, and upload functionalities

Real Estate Web App | *MERN Stack, OAuth, Redux Toolkit* | Live GitHub   Nov 2023 - Dec 2023

- Built a responsive full-stack MERN web app for real estate, featuring OAuth, user authentication (sign in, sign up, sign out), searching, image upload, image slider, user and listing management functionalities
- Integrated API with necessary functionalities including creating, updating, and deleting listings, and redirecting to email app for contacting landlords

EDUCATION

Babasaheb Bhimrao Ambedkar Bihar University   Muzaffarpur, Bihar, IN
BCA - Bachelor of Computer Applications   *Aug 2022 – May 2025*
CourseWork: Programming Design, Artificial Intelligence, Web Development, Cloud Computing, Software Engineering