

Himanshu Kumar

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TECHNICAL SKILLS

Languages: JavaScript, TypeScript, HTML, CSS, Go
Frameworks: ReactJS, ExpressJS, NextJS, Go-Gin Go-fiber
Tools: Git, GitHub, Docker, Postman
Cloud: AWS, Render, Netlify, Vercel
Database: MySQL, MongoDB

EXPERIENCE

Vidyamint

Jan 2024 - Jan 2025

FullStack Developer

- Currently working on a School Management System.
- Implemented cron jobs to automate web scraping tasks.
- Developed a Google Map Scraper with parallel workers to scrape multiple pincodes simultaneously.
- Built a website scraper to extract contact and email information from websites.
- Designed a bulk email system with automated scheduling.
- Enabled bulk data insertion into MySQL by reading data from uploaded Excel files.
- Implemented secure user authentication and role-based access control.
- Developed a feature for students to download Transfer Certificates (TC) using TC number and issuance date.
- Created an online admission form with automated email notifications to parents and the principal.
- Integrated Razorpay for seamless online fee payments and real-time confirmations.
- Enabled the principal to upload notices, manage school and staff information, and edit PDF documents.

PROJECTS

Sky-Tube | *currently building* | *Reactjs,Go, MongoDB* | [GitHub](#)

Jan 2025 - Present

- SkyTube is a modern web-based platform that enables content creators to share their content through various media formats, including videos and tweets effortlessly. It's built using the MongoDB Go Reactjs stack and integrates Cloudinary for seamless image and video storage.SkyTube ensures a smooth user experience across devices.
- Account Creation: Users can easily sign up for a free account, creating their channel automatically.
- My Content Dashboard: Manage uploaded videos, toggle video visibility, and track channel engagement metrics.
- Video Upload: Seamlessly upload and update video details via the My Content page.
- Subscription Management: Subscribe or unsubscribe to channels and view a compact list of subscribed channels on the My Subscriptions page.
- Playlist Creation: Curate a series of videos into personalized playlists for easy sharing and viewing.
- Viewing History: Access a comprehensive list of watched videos in the Watch History page.
- Tweeting: Share thoughts and updates with your audience and the world via the dedicated Tweets section.
- Account Settings: Customize profile settings, including password changes, avatar updates, channelBanner Update, and personal information adjustments

Cloud-ide | *docker,http-server-proxy,MySQL, socket.io, ReactJS, NodeJS* | [GitHub](#)

Oct 2024 - Nov 2024

- Designed and developed a cloud-based code editor, enabling real-time collaborative coding with React and Node.js. Each user is provisioned with an isolated Docker container, ensuring a secure and scalable environment.
- Built a proxy-based architecture where a centralized server dynamically routes requests to the respective user containers, facilitating efficient resource allocation.
- Implemented RESTful APIs with a scalable backend, supporting CRUD operations, containerization, and WebSocket proxying, ensuring seamless real-time communication between users and their containers.
- Introduced an invite-based collaboration feature, allowing users to bring in peers for live debugging and code reviews, enhancing productivity and team collaboration.

School Web App | *MySQL, ExpressJS, ReactJS, NodeJS, Multer* | [Live](#) Jan 2024 - March 2024

- Developed and led the implementation of two full-stack school web applications, optimizing performance through advanced techniques such as useMemo, code splitting, lazy loading, and WebP image formats, resulting in faster load times and improved user experience.
- Designed and implemented scalable RESTful APIs, enabling efficient CRUD operations, secure authentication, and optimized file upload functionalities, ensuring high availability and seamless data management.

Real Estate Web App | *MERN Stack, OAuth, Redux Toolkit* | [Live](#) [GitHub](#) Nov 2023 - Dec 2023

- Designed and developed a responsive full-stack MERN real estate web application, implementing OAuth-based authentication (sign-in, sign-up, sign-out) and key features like search functionality, image uploads, dynamic image sliders, and user-listing management, enhancing user experience and engagement.
- Integrated a robust API to support seamless listing creation, updates, and deletions, along with an intuitive email redirection feature for direct communication with landlords, improving lead conversion and user interaction.

EDUCATION

Babasaheb Bhimrao Ambedkar Bihar University
BCA - Bachelor of Computer Applications

Muzaffarpur, Bihar, IN
Aug 2022 – May 2025