

KUMAR VIPANSHU

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PROFESSIONAL SUMMARY

Full-stack developer with experience in building scalable web applications using the MERN stack, REST APIs, real-time communication, and modern front-end technologies. Proficient in Agile methodologies (Scrum, Kanban) and backend database management with SQL and MySQL. Adept at delivering projects with a focus on performance, security, and responsive design.

SKILLS

- **Front-End:** HTML, CSS, JavaScript, React, TailwindCSS, Framer Motion, Recharts, React Router DOM
- **Back-End:** Node.js, Express, MongoDB, Redis, Socket.io, SQL, MySQL, Java
- **Tools & Libraries:** Zustand, Cookie-Parser, Eclipse IDE, Microsoft VS Code, Postman, MS Office (Excel, Word, PowerPoint)
- **Payment & Cloud Services:** Stripe, Cloudinary
- **Agile Methodologies:** Jira, Scrum, Kanban
- **Version Control:** Git, GitHub
- **Other:** Responsive Design, State Management, API Integration, Authentication

PROJECTS

[Let's Shop:](#)

- Developed a fully functional e-commerce platform using the MERN stack with a modern, responsive UI and integrated Stripe for secure payment processing.
- Managed global state with Zustand and enhanced user experience with React Hot Toast for notifications and Framer Motion for animations.
- Utilized Cloudinary for image hosting and Redis for caching frequently accessed data, improving performance.
- Implemented secure user authentication and session management using JWT and Cookie-Parser.
- Enabled real-time product filtering, search, and cart updates with Axios for efficient API interactions.
- **Technologies:** MERN Stack, Stripe, Cloudinary, Zustand, React Router DOM, TailwindCSS, JWT, Redis, Axios, Framer Motion, Lucide-React, React-Hot-Toast

Let's Chat

- Built a real-time chat application leveraging Socket.io for live messaging and status updates.
- Integrated user authentication with JWT and secure password hashing using Bcrypt.js.
- Used Zustand for state management, improving the efficiency of global state updates like active users, messages, and chat windows.
- Designed a responsive, clean UI with TailwindCSS and React Icons to enhance the user interface.
- Implemented toast notifications using React Hot Toast to provide instant feedback on message delivery and user activity.
- **Technologies:** MERN Stack, Socket.io, Zustand, React Router DOM, TailwindCSS, JWT, Bcrypt.js, React-Hot-Toast, React Icons

React Admin Dashboard

- Developed a responsive admin dashboard using React for managing and visualizing key metrics.
- Integrated Recharts for interactive data visualization and created custom animations with Framer Motion to enhance user experience.
- Employed React Router DOM for smooth navigation between dashboard sections such as user management, sales tracking, and performance reports.
- Styled the interface with TailwindCSS for a clean, responsive layout, ensuring the dashboard is accessible across devices.
- Incorporated Lucide-React icons for better usability and clarity in the admin interface.
- **Technologies:** React, TailwindCSS, Framer Motion, Lucide-React, Recharts, React Router DOM

EDUCATION

- **Post Graduation (Diploma in Advanced Computing)**
Centre for Development of Advanced Computing (CDAC), Noida
- **Bachelor of Engineering**
Ivan Kozhedub Kharkiv National Air Force University, Kharkov, Ukraine