KALLOL KUMAR NATH

✉ official.kallol24@gmail.com 📞 +91 9083095645 💻 GitHub 💼 LinkedIn 🐦 X (Twitter) 🌐 Portfolio

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PROFESSIONAL SUMMARY

Results-driven **Frontend Developer** with hands-on experience building modern web applications using **React**, **Next.js**, **JavaScript** and **TypeScript**. Developing real-time collaborative platforms, video conferencing applications, and complex state management systems. Strong foundation in responsive design, authentication systems, API handling and performance optimization.

TECHNICAL SKILLS

Frontend Technologies: JavaScript, TypeScript, React 19, Next.js 15, HTML5, CSS3, Redux Toolkit, Router

Backend & Database: Node.js, Express.js, Firebase, REST APIs

Development Tools: Git, GitHub, VS Code, Vite, Figma, Chrome DevTools

Testing & Quality: Jest, React Testing Library, ESLint, TypeScript

Additional Skills: Problem Solving, Version Control, Performance Optimization

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Experience (Project-Based)

Yoom - Video Conferencing Web Application   GitHub   Live Demo
Tech Stack: Next.js, TypeScript, Clerk Authentication, Stream Video SDK, Tailwind CSS, Radix UI
- **Developed a full-stack video conferencing platform** with real-time video calling capabilities, user authentication, and meeting management features using Next.js and Stream Video SDK
- **Implemented secure user authentication and authorization** using Clerk, including protected routes middleware and role-based access control for meeting rooms and recordings
- **Built comprehensive meeting management system** featuring personal rooms, scheduled meetings, meeting history, and recording playback with responsive UI optimized for desktop and mobile devices

Docomo - Collaborative Document Editor   GitHub   Live Demo
Tech Stack: Next.js 14, TypeScript, React 18, Liveblocks, Lexical Editor, Clerk Authentication, Tailwind CSS
- **Engineered a real-time collaborative document editing platform** supporting simultaneous multi-user editing with live updates, text formatting, create/edit/delete operations, concurrent editing capabilities using Liveblocks and Lexical Editor
- **Developed comprehensive user management system** with role-based access control, authentication via Clerk, and real-time presence indicators showing collaborative cursors and user selections
- **Built responsive, modern UI with theme support** featuring dark/light mode toggle, optimized performance for real-time updates, and graceful error handling

Zomato Clone - Food Delivery Platform   GitHub   Live Demo
Tech Stack: React 18, TypeScript, Redux Toolkit, React Router v6, Tailwind CSS
- **Implemented complex state management** using Redux Toolkit for cart operations, filter states, and user preferences with localStorage persistence for seamless user experience across sessions
- **Developed advanced search and filtering system** supporting multiple criteria including cuisine type, price range, ratings, and delivery time with real-time filter updates and dynamic sorting capabilities with restaurant search and filtering capabilities, menu browsing, and shopping cart functionality
- **Created responsive, animated user interface** with dark/light mode support, smooth page transitions using Framer Motion, and mobile-optimized design built with Tailwind CSS

CERTIFICATIONS

- **Meta Front-End Developer Professional Certificate** - Coursera (9-course comprehensive program)   Certificate
- **Complete Web Development Bootcamp** - Udemy, Instructor: Hitesh Choudhary (79.5 hours)   Certificate
- **Namaste React** - NamasteDev, Instructor: Akshay Saini (Advanced React Concepts)   Certificate

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EDUCATION

Bachelor of Arts
Dinabandhu Mahavidyalaya | 2021 − 2024   CGPA: 8.5/10