

Urwashi Kumari

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SKILLS

- **Languages:** C++, Python, Java, DSA
- **Frameworks:** Node.js, Express.js, React.js
- **Developer Tools:** Git, GitHub, VS Code, Postman, Figma
- **Frontend/Other:** HTML, CSS, JavaScript, Tailwind CSS
- **Soft Skills:** Solution-Driven Approach, Collaborative Contributor, Task Planning & Execution

PROJECTS

- **Collabrative Online Whiteboard | [GitHub](#)** Oct'25-Nov'25
 - Architected a real-time collaborative whiteboard web application that allows multiple users to draw, annotate, and interact simultaneously within shared sessions, significantly improving team collaboration and user engagement
 - Created a low-latency real-time data synchronization between client instances using WebSockets/Socket.IO, ensuring seamless communication, instant updates, and a smooth multi-user experience across devices
 - Developed scalable REST APIs and WebSocket endpoints to efficiently manage session lifecycle, user connection, authentication flow, and real-time collaboration events in a disturbed environment
 - Managed state synchronization and conflict resolution for concurrent user actions
 - **Tech:** JavaScript, React js, Node js, WebSockets, Sockets.IO, Express
- **Hospital Inventory Management System | [GitHub](#)** May'25-Jun'25
 - Engineered a C++ "Hospital Smart Inventory Management" console application using linked lists to handle dynamic stock records with add, update, delete, and search operations
 - Implemented automated low-stock and near-expiry alerts by integrating date parsing and time calculations to proactively flag critical medical supplies
 - Programmed a file-based persistence layer using fstream and stringstream to export and reload inventory data across sessions without relying on a database
 - **Tech:** C++, Linked List, File Handling, MinGW Compiler
- **AI - Powered Fact - Checking Chatbot | [GitHub](#)** Apr'25-Mar'25
 - Designed and implemented an AI-powered fact-verification chatbot using the Gemini API, capable of processing and validating 500+ real-time user queries, with optimized prompt handling for accurate and context-aware responses
 - Established a fully responsive and interactive user interface featuring light/dark theme toggle, Markdown-based message rendering, and structured chat layouts
 - Structured efficient client-side state and message management logic leveraging browser local storage, enabling persistent chat history, seamless session and continuity
 - **Tech:** HTML5, CSS3, JavaScript, Gemini API, Axios

CERTIFICATES

- Privacy and Security In Social Media | [NPTEL](#) Nov'25
- Build Generative AI Apps and Solutions | [Infosys](#) Aug'25
- Computational Theory | [Infosys](#) Aug'25
- MongoDB Skill Badges (14 Badges) | [Credly](#) May'25
- Computer Communications | [Coursera](#) Oct'24

ACHIEVEMENTS

- **Secured 9th Rank in Hackathon:** Nov'24
Among 5k+ participants in Hackathon Contest 2024

EDUCATION

- **Lovely Professional University** Punjab, India
Bachelor of Technology - Computer Science and Engineering; CGPA: 6.71 Aug'23-Present
- **MRD Inter College** Muzaffarpur, Bihar
Intermediate; Percentage: 76.6% Apr'21-Mar'22
- **Oxford Public School** Muzaffarpur, Bihar
Matriculation; Percentage: 65.6% Apr'19-Mar'20