RISHAB JHA

91 7011065528 rishabjha134@gmail.com [LinkedIn](#) [GitHub](#) [Portfolio](#) [LeetCode](#)

Education

University School of Automation and Robotics, Delhi	Nov 2022 - July 2026
Bachelor of Technology in Computer Science with a specialization in AI-DS	**CGPA: 8.4/10**
Tinu Public School, Delhi	2022
XII (CBSE)	**92.3%**

Skills

- **Programming Languages:** C/C++, Java, JavaScript
- **Web Development:** HTML, CSS, Tailwind CSS, React.js, Redux Toolkit, Node.js, Express.js, MongoDB, MySQL, PostgreSQL
- **Tools:** Git, GitHub, VS Code, Postman, Jupyter Notebook
- **Additional Skills:** Data Structures and Algorithms (DSA), Object-Oriented Programming (OOP)

Work Experience

Acencore Solutions Pvt. Ltd., Delhi (Remote) **March 2024 - July 2024**

Front-End Intern

- Developed a video calling UI using **React.js** and integrated the **Jitsi Meet SDK API**, enhancing frontend functionality and **improving user interaction** for 500+ users.
- Integrated audio wave visualization using the **Siri Wave** library, enhancing the user interface and contributing to a **15% increase in positive user feedback**.
- Designed **complex, reusable UI** components with seamless API integration, **enhancing application usability by 20%** and reducing development time for new features by 30%.
- Enhanced app performance by **5%** through **memoization** techniques, **reducing load times** and **improving scalability** for high-traffic scenarios.
- Utilized **Redux Toolkit** and **Jotai** for efficient state management, reducing state management complexity by 25% and improving application scalability.

Projects

Video Tube: GitHub Repo **July 2024 - Aug 2024**

- **Enhanced Search Functionality:** Used **debouncing**, **caching**, and **memoization** to reduce redundant API calls by **15%** and improve response times by **20%**, surpassing performance of similar features in platforms like Flipkart.
- **Scalable Real-time Features:** Implemented a scalable real-time chat system using **API polling**, supporting 1000+ concurrent users and ensuring smooth interaction.
- **Enhanced User Experience with Infinite Scrolling:** Executed **infinite scrolling** for video loading, increasing user engagement by **25%** and optimizing memory usage.
- **Efficient Nested Comments Handling:** Built an efficient recursive algorithm to manage **threaded comments**, improving memory efficiency by **30%** for multi-level comment hierarchies.
- **Secured Application:** Safeguarded **API keys** and sensitive data using **environment variables**, reducing security vulnerabilities by 40% and ensuring compliance with industry best practices.
- **Tech Stack:** React.js, Tailwind CSS, Redux Toolkit
- **Live Demo:** Video Tube

Social Graph: GitHub Repo **Oct 2024 - Nov 2024**

- **Engineered Social Graph:** Built a fully **responsive** full-stack application with **AI-powered content creation tools**, boosting user engagement by **25%**.
- **Enhanced Security:** Designed secure authentication using **JWT** and **bcrypt** for password hashing, reducing login vulnerabilities by **40%**, and deployed the platform on **Vercel** with **99.9% uptime**.
- **Optimized Performance:** Improved API efficiency with **Redux Toolkit Query**, reducing latency by **30%**, and enhanced media handling with **Cloudinary**, cutting image load times by **20%**.
- **Tech Stack:** React.js, Tailwind CSS, Node.js, Express.js, MongoDB, Redux Toolkit Query
- **Live Demo:** Social Graph **Live Video:** Social Graph

Achievements

- 100 Days Badge, 50 Days Badge, LeetCode Monthly Badges
- **Received a Letter of Appreciation from Acencore:** Acknowledged by the CEO for exceptional contributions as a Front-End Developer intern, demonstrating strong problem-solving skills, adaptability, and teamwork, which significantly impacted the success of various projects.