

# MOHD SHADAB

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## SUMMARY

Full Stack Developer proficient in the MERN stack (MongoDB, Express.js, React.js, Node.js) with a solid foundation in Data Structures and Algorithms (DSA). Built and deployed 3+ scalable web applications.

## EXPERIENCE

Full Stack Developer Intern   Uptoskill	June 2025 - Aug 2025
● Redesigned HR panel homepage by migrating from Material UI to Tailwind CSS, which reduced page load time by 25% and improved maintainability.	
● Implemented responsive design across 10+ pages, leading to a 40% increase in mobile usability scores.	
● Integrated backend logic using Node.js & Express.js to capture client IPs and stored them securely in MongoDB for auditing.	
● Gained hands-on experience with version control (Git/GitHub)	

## SKILLS

**Frontend:** React.js, HTML5, CSS3, Tailwind CSS, JavaScript (ES6+)

**Backend:** Node.js, Express.js, REST APIs, Socket.IO, JWT, Bcrypt.js

**Databases:** MongoDB, MySQL, PostgreSQL

**Tools:** Git, GitHub, VS Code, Postman

## PROJECTS

Multi-Player Chess Game	July-Aug 2025
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**Tech stack:** React.js, Node.js, Socket.IO, Chess.js

**Live Link:** <https://shadab-chess.netlify.app>

- Engineered a full stack real-time chess game using React.js on the frontend and Node.js/Express.js with Socket.IO on the backend to enable seamless two-player gameplay.
- Implemented robust real-time communication and event-driven architecture using WebSockets, achieving a 30% latency reduction through optimized socket handling.
- Utilized chess.js to manage game rules, valid move generation, and checkmate detection, ensuring accurate server-side game state validation.
- Designed a responsive and mobile-first UI with Tailwind CSS, enhancing user experience across all devices and screen sizes.
- Managed game state synchronization, supporting 100+ concurrent users without conflicts, showcasing expertise in scalable real-time systems and asynchronous data handling.

CoolStuff E-commerce Web App	June-July 2025
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**Tech stack:** MERN Stack (MongoDB, Express, React, Node), JWT

**Live Link:** <https://collstuff.netlify.app/>

- Developed a full stack e-commerce platform to practice secure user authentication, role-based access control, and optimized data handling.
- Implemented JWT-based authentication system with access and refresh token logic, secure login/signup, and password hashing using Bcrypt.js
- Designed role-based access control (RBAC) to distinguish between admin and user operations, supporting over 500+ registered users.
- Built a responsive UI using React.js and Tailwind CSS, delivering consistent user experience across devices and screen sizes.
- Utilized React Context API for scalable global state management of user sessions, cart items, and authentication flow.

## EDUCATION

NIMS University, Jaipur	Jun 2022-Jul 2026
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B.Tech in COMPUTER SCIENCE

7.79 CGPA