

# Rahul Patel

Full-Stack Developer | MERN

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## CAREER OBJECTIVE

Dedicated Full-Stack Developer with a strong command of front-end and back-end technologies. Seeking to contribute my expertise in building dynamic, responsive, and user-centric web applications using the MERN stack. Committed to continuous learning and delivering high-quality solutions to complex development challenges.

## SKILLS

- Full-Stack Development (MERN Stack, Node.js, Express, MongoDB, React)
- Frontend Development (HTML, CSS, JavaScript, TypeScript, React, TSX)
- Real-Time Features (Socket.io, WebRTC)
- Backend Development (Node.js, Express, MongoDB, Mongoose)
- API Integration (RESTful APIs, Axios, Fetch API, Postman)
- Authentication & Security (JWT, OAuth)
- Version Control (Git, GitHub)
- Deployment & Hosting (Vercel, Netlify)
- UI/UX Design (Canva, Tailwind CSS,)
- Team Collaboration & Management (Agile Methodologies, Team Leadership)
- Problem Solving & Analytical Skills

## PROJECTS

- **E-Library Management System:** Comprehensive online library platform featuring User Authentication, Book Management, Borrowing System, Admin Dashboard, User Dashboard, and Advanced Search Functionality. Built using HTML, CSS, JavaScript, Node.js, Express, MongoDB, and JWT-based authentication for secure access control.
- **Hotel Management System:** Full-stack application managing Room Booking, Cab Services, Hall Reservations, and Housekeeping. Includes User & Admin Dashboards with JWT Authentication, and Image Upload using Multer. Built with HTML, CSS, JavaScript, Node.js, Express, and MongoDB.

- **E-Commerce Website Frontend (TSX):** Modern, fully responsive e-commerce interface with Product Listings, Filtering, Search, Add to Cart, Wishlist, and User Authentication. Designed with React, TypeScript, Tailwind CSS, and integrated with Redux Toolkit/Context API for state management. Enhanced animations using Framer Motion and GSAP.
- **Advanced Tic-Tac-Toe Game:** Futuristic and interactive game supporting Player vs Player and Player vs AI (Minimax Algorithm) modes. Dark-themed UI with glowing effects and responsive design for an engaging user experience. Developed using HTML, CSS, and JavaScript.
- **Real-Time Chat Application:** Efficient real-time messaging platform with instant updates using Socket.io. Users can join with custom usernames and chat with multiple users in real time. Clean and responsive UI built with HTML, CSS, JavaScript, Node.js, Express, and Socket.io.

## EDUCATION

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- **Bachelor of Computer Applications (BCA):** Goel Group of Institutions, Lucknow
- **Intermediate (12th):** State Board, Uttar Pradesh
- **High School (10th):** State Board, Uttar Pradesh

## ACHIEVEMENTS & CERTIFICATIONS

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- **HackerRank Certifications:** JavaScript (Intermediate) Certification. Demonstrated proficiency in advanced JavaScript concepts, problem-solving, and algorithmic thinking.

## HOBBIES

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- Futuristic Tech Projects
- Exploring Advanced Animations and UI Design
- Continuous Learning of Emerging Web Technologies
- Problem Solving and Algorithm Challenges