

# SHIVAM TIWARI

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## Education

### National Institute of Technology, Raipur

*Master of Computer Application*

CGPA: 8.21

2022-Present

### Govt. Holkar Science College Indore

*Bachelors of Computer Science*

Percentage: 75.37

2019-2022

### Christina Convent Higher Secondary School

*Senior Secondary, Mhow*

Percentage: 84.4

2018-2019

## Technical Skills

- **Languages:** C, C++, JavaScript
- **Web Technologies:** React, Redux-Toolkit, Node.js, Express.js, HTML5, CSS
- **Databases:** MongoDB, MySQL
- **Developer Tools:** Postman, VS Code, Git, GitHub
- **Relevant Coursework:** Operating System, Database Management System, Computer Network, OOPs

## Projects

### Connectify

[Github](#)

- Architected a dynamic social media platform emphasizing **real-time communication** and user engagement, leveraging modern web technologies for seamless interaction.
- **Secured User Authentication and Authorization:** Implemented **JWT-based** authentication to enhance user login and signup processes.
- **Enabled Real-Time Chat:** Integrated **Socket.IO** for real-time messaging and notification alerts, significantly boosting user engagement.
- **Implemented Dynamic Profile Management:** Designed and developed comprehensive user profile functionalities, including profile updates, account freezing.
- **Posts and Social Interactions:** Perform **CRUD** operations for posts, likes, comments, and user follow/unfollow interactions.
- **Tech Stack:** React.js with Chakra UI, Node.js, Express.js, MongoDB, Cloudinary, Socket.IO.

### MedConnect

[Github](#)

- **Developed a comprehensive healthcare platform:** An innovative healthcare platform enabling users to effortlessly book appointments, while also facilitating doctor applications for a comprehensive medical ecosystem.
- Implemented a admin dashboard, user registrations, appointment approvals, and data management for seamless platform operation.
- Utilized **Redux** for efficient **state management**, ensuring consistent and predictable state transitions across the application, improving data handling and performance.
- **Core Responsibilities:** Admin Dashboard, User Registration and Authentication, Appointment Scheduling, Appointment Status Notifications, Doctor Profile Management.
- **Tech Stack:** Reactjs, Redux-Toolkit, Nodejs, Express, MongoDB.

### Restaurant Reservation Website

[Github](#)

- **Developed a reservation platform:** Created a user-friendly restaurant reservation system that allows users to make bookings and select dining categories.
- Implemented features like reservation form validation, real-time feedback with toast notifications, and responsive design for both mobile and desktop.
- Utilized **React.js** for dynamic UI, **Node.js** and **Express.js** for backend APIs, and **MongoDB** for efficient data storage.
- **Core Responsibilities:** Reservation Form, User Authentication, Real-time Notifications, Category Selection, Data Management.
- **Tech Stack:** React.js, Node.js, Express.js, MongoDB, Axios, React Router, Toastify.

## Achievements

- Secured an **AIR 550** in the competitive **NIMCET** exam.
- **3 star** at LeetCode Achieved Max Rating **1804**.
- **Pupil** at Codeforces with a max rating of **1213**.
- **4 star** at Geeksforgeeks with a global rank of **657** and achieved a peak rating of **1869**.
- **2 star** at Codechef Achieved Max Rating **1508**.
- Solved over **800+** problems on the LeetCode platform.

## Position Of Responsibility

- **National Service Scheme (NSS) NIT RAIPUR:** Engaged actively as a member of the National Service Scheme (NSS) at NIT Raipur for the past year, contributing to various community service initiatives and promoting social welfare.