

VISHAL SINGH

+91-7905248829

singhvishal686030@gmail.com

in [LinkedIn](#)

[GitHub](#)

[Portfolio](#)

[LeetCode](#)

EDUCATION

Maharana Institute of Professional Studies

09/2022 – Present

Bachelor of Technology (B.Tech) - Computer Science & Engineering

Mandhana, Kanpur

PROFILE SUMMARY

- **React Native Developer** with hands-on experience building cross-platform mobile apps featuring local notifications, offline data storage, real-time features, and clean UI/UX-ensuring high performance.
- Full-stack MERN expertise combined with React Native proficiency to deliver seamless, end-to-end mobile solutions.

TECHNICAL SKILLS

Programming: C/C++, Python, Java, JavaScript, React Native, Node.js, React.js, Express.js, HTML5, CSS3

Database: MongoDB, MySQL.

Technologies: RESTful APIs, asynchronous request handling, version control systems (Git and GitHub), state management libraries (Redux, Context API), CNN (YOLOv5)

COURSEWORK / SKILLS

- Data Structures and Algorithms
- App Development
- Software Development
- Database Management Systems
- Full Stack Development
- Object-Oriented Programming

PROJECTS

Vartalap App | [GitHub](#) | [Video](#) | [Download App](#)

June–July, 2025

Tools: React Native, Node.js, Express.js, MongoDB, Socket.IO, Push Notifications, Image Picker

Vartalap App is a real-time mobile messaging application enabling secure one-on-one chats and streamlined user interactions.

Responsibilities:

- Implemented real-time messaging using **Socket.IO** for instant text and image sharing, including typing indicators and comprehensive message status tracking (Sent/Seen).
- Developed robust user authentication and friend management features, enforcing chat access only between accepted connections.
- Engineered intuitive message management, allowing users to select and delete multiple messages (text and image) via long-press gestures, and a full-screen image viewer for media content.

Taskify App | [GitHub](#) | [Video](#) | [Download App](#)

April-May, 2025

Tools: React Native, AsyncStorage, Notifee, React Navigation, Vector Icons

Tasify is a mobile to-do app that helps users manage daily tasks with smart scheduling, reminders, offline support, and an auto-cleaning recycle bin.

Responsibilities:

- Implemented scheduled task reminders with local **push notifications using Notifee** to enhance user engagement and time management.
- Built a soft-delete Recycle Bin system with **automatic task deletion** after 7 days, showcasing advanced data lifecycle management.
- Designed a dynamic task UI with features like checkbox toggling, in-place editing, and persistent storage using AsyncStorage.

Notion Academy | [Live Link](#) | [GitHub](#)

October–November, 2024

Tools: React, Node.js, MongoDB, Express.js, Razorpay, Redux

Notion Academy is a cutting-edge MERN stack learning platform where admins, instructors, and students collaborate.

Responsibilities:

- Instructors can create interactive courses while students can learn through courses.
- Role-based access for 3 user types—Admin, Instructors, and Students—ensures secure authentication and authorization.
- **Integrated Razorpay** enables secure and seamless payments for transactions.

ACHIEVEMENTS & CERTIFICATIONS [↗](#)

- Certified MERN Stack Developer from CodeHelp, with expertise in full-stack web development.
- Achieved 4th rank in the college coding competition Code-o-Fiesta, showcasing technical proficiency and competitive aptitude.
- Selected and qualified for the Internal Smart India Hackathon 2023, highlighting innovative problem-solving skills and teamwork capabilities.