

Vaibhav Pal Singh

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EDUCATION

LNCT UNIVERSITY

Bachelor of Technology in Computer Science
Cumulative CGPA: 7.23/10.

Bhopal, MP
Batch 2022- 2026

BAL BHARATI PUBLIC SCHOOL

Class XII
Percentage: 67.2%/100.

Bhopal, MP
Batch : 2022

BAL BHARATI PUBLIC SCHOOL

Class X
Percentage: 78.4%/100.

Bhopal, MP
Batch : 2020

PROFESSIONAL SUMMARY

Results-driven Software Development Engineer with strong foundation in Data Structures, Algorithms, OOPs, and system design fundamentals. Experienced in building scalable applications using JavaScript, Node.js, and MongoDB with a focus on RESTful APIs and backend performance. Passionate about problem-solving and developing maintainable software systems.

WORK EXPERIENCE

CODING THINKER

Full Stack Web Developer Intern

Bhopal, MP
Sep 2023 – Nov 2023

- Developed responsive UI components improving user experience and page load efficiency.
- Collaborated in Agile team to deliver scalable frontend features.
- Identified and resolved performance bottlenecks enhancing application stability.

PROJECTS

RideSnap – Real-Time Ride Booking Platform.

Tech Stack: React.js, Node.js, Express.js, MongoDB, Socket.IO, JWT, REST APIs.

Oct 2025 – Jan 2026

- Built a full-stack real-time ride booking system using React.js, Node.js, and MongoDB
- Implemented live ride tracking and communication using Socket.IO for real-time updates
- Designed RESTful APIs for ride management, user handling, and fare calculation
- Integrated Google Maps API for location selection, distance calculation, and route-based pricing
- Developed JWT-based authentication with role-based access control for secure access.

Farm Connect

Tech Stack: HTML, CSS, JavaScript, React.js, Node.js, Express.js, MongoDB, (MERN).

Nov 2024 – Dec 2024

- Built a platform where farmers and buyers can easily connect.
- Used Backend APIs to provide features to the users.
- Integrated MongoDB for data handling and CRUD operations

ACTIVITIES

SMART INDIA HACKATHON (SIH)

Team Member

Nov 2024 – Dec 2024

- Managed backend development for a hackathon project while coordinating team members and tracking their work progress.

SKILLS

- **Languages:** Java, JavaScript.
- **Backend:** Node.js, Express.js, REST APIs, JWT Authentication.
- **Database:** MongoDB, MySQL.
- **Tools:** Git, GitHub, Postman.
- **Concepts:** Data Structures and Algorithms, OOPs, MVC Architecture.