

# VIBHANSHU VAIBHAV

📞 +91 7857818458 📩 vibhanshu.vaibhav.37@gmail.com 💬 linkedin 🐧 Github

## SUMMARY

MCA student with a strong foundation in computer science and a creative flair for digital storytelling. Skilled in full-stack development using React, ExpressJs, NextJs, NodeJs and REST APIs, with experience in JWT-based authentication

## EDUCATION

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|--|-----------|
| <b>Master's of Computer Applications</b> , Vellore Institute of Technology - Bhopal <b>(8.72 CGPA)</b> | 2024 - 26 |
| <b>Bachelor's of Computer Applications</b> , Microtek College of Management & Technology <b>(72%)</b>  | 2021 - 24 |
| <b>12th NIOS</b> , National Institute of Open Schooling <b>(64%)</b>                                   | 2021      |
| <b>10th CBSE</b> , DAV Public School - Arrah <b>(9.2 CGPA)</b>   | 2017      |

## EXPERIENCE

|                                 |                    |
|---------------------------------|--------------------|
| <b>Backend Developer Intern</b> | July '25 - Present |
|---------------------------------|--------------------|

Filter Trade Technologies Pvt Ltd ||(*Remote*)

- Engineered and maintained the core B2B SaaS platform for Bearull, developing the super-admin panel to manage admins and a B2C admin panel for user and transaction management.
- Built comprehensive transaction and withdrawal request system, streamlining financial operations.
- Architected and deployed backend infrastructure for stock11.bearull, managing server deployment for the backend, frontend, and microservices.
- Developed and integrated the business logic and APIs for price distribution among contest winners.

## PROJECTS

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|---|-----------------|-----------|
| <b>Typing Test App (Full-Stack Web Application)</b> | LIVE ↗ GitHub ↗ | June 2025 |
|---|-----------------|-----------|

- Designed and developed a scalable, responsive full-stack web application using **React.js**, **Node.js**, **Express.js**, and **MongoDB** for real-time typing speed and accuracy assessment.
- Integrated secure **JWT authentication**, **RESTful APIs** and a interactive UI with **Tailwind CSS**.
- Optimized user engagement through performance analytics and mobile-first responsive design

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| <b>DaanSetu (Donation Management Platform)</b> | LIVE ↗ GitHub ↗ | March 2025 |
|--|-----------------|------------|

- Pioneered DaanSetu, a first-of-its-kind, cloud-based donation management platform in India, connecting NGOs directly with donors for real-time material assistance.
- The project utilized a MERN stack for its scalable architecture and featured a responsive UI built with React.js, Vite, and Tailwind CSS.
- This initiative enabled real-time broadcast of NGO requests, streamlining the donation process and fostering direct user engagement. (Published paper ↗)

## SKILLS

- Languages:** C, C++, Java, JavaScript, TypeScript
- Frameworks:** HTML, Tailwind CSS, ReactJs, NextJs, NodeJs, ExpressJs, Hono
- Development Tools:** VS Code, Android Studio, Eclipse IDE, Intellij, Git, Docker, NPM
- Database Management:** PostgreSQL, MongoDB

## CERTIFICATIONS

- 0-100 Full Stack Web Development (100xDevs)** ↗
- Full Stack Web Development MASTERY Course from Udemy** ↗
- Postman API Fundamentals Student Expert certification** ↗