

Vibhanshu Vaibhav

📍 Bhopal, India

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EDUCATION

Vellore Institute of Technology

June 2024 - June 2026

Master Of Computer Applications, CGPA: 8.72 / 10.0

TECHNICAL SKILLS

- **Languages & Frameworks:** Java, JavaScript, TypeScript, SQL, HTML/CSS, React.js, Node.js, Express.js, Hono.js, Next.js, Socket.io, WebRTC
- **Cloud, Databases & DevOps:** AWS (EC2, S3, IAM), Docker, Nginx, CI/CD, Vercel, MongoDB, PostgreSQL, Redis
- **Tools & Concepts:** Apache Kafka, Git/GitHub, Postman, System Design, VS Code

PROFESSIONAL EXPERIENCE

Filter Trade PVT LTD

Remote

Associate Software Engineer

October-2025 – Present

- 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 back end, frontend, and microservices.
- Developed documentation for codebases, **Version control** testing, **APIs**, **workflows**, and system designs

Filter Trade PVT LTD

Remote

Backend developer Intern

June-2025 – September-2025

- Developed and integrated the business logic and APIs for price distribution among contest winners.
- Learn to design, develop, test, and deploy responsive web applications according to project requirements
- Successfully delivered projects in three months, overseeing architecture design, **Back-end APIs** and deployment

PERSONAL PROJECTS

TypingTest Pro — MongoDB, Express, React, Node.js

Live Link

- Engineered a modern application using Vite and Tailwind CSS to deliver a responsive, high-performance user interface for real-time typing assessment.
- Implemented security measures by establishing JWT and bcrypt, ensuring protected user sessions and data integrity.
- Developed advanced backend features, including a global leaderboard and performance dashboard, optimizing data retrieval with server-side pagination and RESTful APIs.

Employee Management Portal — React, Node.js, Socket.io, MongoDB, Express.js, Chart.js

Live Link

- Engineered a real-time collaboration platform using the MERN stack, featuring instant bi-directional notifications via Socket.io for seamless task assignment and completion alerts.
- Developed an interactive analytics dashboard integrating Chart.js and React-Chartjs-2 to visualize key performance indicators (KPIs), including employee productivity trends and task completion rates.
- Architected a secure backend with JWT authentication and role-based access control to safeguard organizational data.

DaanSetu (Donation Management Platform) — React.js, Tailwind, Firebase, ImageBB

Live Link

- Pioneered DaanSetu, a first-of-its-kind, cloud-based donation management platform in India, connecting NGOs directly with donors for real-time material assistance.
- Engineered a high-performance, fully responsive user interface to ensure seamless navigation, cross-device compatibility, and optimal accessibility for all users.
- This initiative enabled real-time broadcast of NGO requests, streamlining the donation process and fostering direct user engagement.

CERTIFICATIONS

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