

# Vishal Subhash Chavan

MERN Stack Developer | Aspiring Software Engineer

B.Tech student in Computer Science and Business Systems with expertise in MERN stack, AI, ML, blockchain, and data analytics. Skilled in building scalable web applications, integrating emerging technologies, and accepting project challenges. Passionate about problem-solving, innovation, and teamwork, eager to contribute and stay updated with tech trends.

## CONTACT INFORMATION

Email: [vishalsubhashchavan2004@gmail.com](mailto:vishalsubhashchavan2004@gmail.com) | Phone: +91 7218407471

LinkedIn: [linkedin.com/in/vishal-subhash-chavan](https://www.linkedin.com/in/vishal-subhash-chavan)

GitHub: [github.com/Vishal-251044](https://github.com/Vishal-251044)

## EDUCATION

- B.Tech in Computer Science and Business Systems**  
Kolhapur Institute of Technology, Kolhapur | CGPA: 8.61 | Graduation: Expected 2026
- Higher Secondary Education (12th Grade)**  
SRVM College, Jath | Percentage: 76.83% | Year: 2022
- Secondary School Certificate (10th Grade)**  
Shri Hanuman New English School, Walasang | Percentage: 93% | Year: 2020

## TECHNICAL PROJECTS

### ➤ BeHealthy | Blockchain-Based Student Healthcare Application

Mar 2025

- Overview:** A MERN and ML-powered platform for student health risk prediction with blockchain-secured data storage.
- Technologies:** MongoDB, Express.js, React.js, Node.js, ML, API's, Blockchain.
- Developed a healthcare system that analyzes students daily activities using ML models to predict health risks and provide improvement suggestions. Merged blockchain for secure health data storage, ensuring privacy and immutability. Added an interactive chatbot for text-based health guidance and a real-time hospital locator for nearby medical assistance.

### ➤ Review.NLP | Event Feedback Analysis with Sentiment Detection

Feb 2025

- Overview:** A MERN-based platform designed to analyze event feedback and determine success rates using sentiment classification.
- Technologies:** MongoDB, Express.js, React.js, Node.js.
- Implemented a system to collect user reviews and classify sentiments into positive, negative, and neutral. The platform calculates event success percentages based on sentiment analysis and provides real-time insights. Created shareable links for seamless feedback collection via social media, simplifying event evaluation.

### ➤ CarboNexFarm | Carbon Credit Trading Platform

Nov 2024

- Overview:** A MERN stack-based marketplace that facilitates carbon credit trading between farmers and companies, integrating ML for precise carbon footprint calculations.
- Technologies:** MongoDB, Express.js, React.js, Node.js, Python (ML).
- Implemented ML models to calculate carbon points from farming data, ensuring accurate credit allocation and transparency. Integrated secure authentication for user and transaction management. Created a user-friendly interface for tracking credits and built a scalable, efficient marketplace for real-time trading, promoting sustainable agriculture and environmental responsibility.

## ➤ SkillUp | Notes Selling Platform

Aug 2024

- **Overview:** MERN stack-based platform enabling teachers to sell notes and students to purchase academic materials.
- **Technologies:** MongoDB, Express.js, React.js, Node.js.
- Integrated secure authentication and payment systems. Developed a responsive UI for smooth navigation across devices. Simplified the note upload process for educators and optimized purchasing workflows, ensuring seamless access to study materials for students.

## ➤ Newsio | Social Media Platform for News Sharing

Jul 2024

- **Overview:** Built a platform for user-generated news sharing and engagement across various domains.
- **Technologies:** MongoDB, Express.js, React.js, Node.js, REST APIs.
- Designed an algorithm for domain-specific news prioritization, incorporated interactive API-driven features, and ensured a responsive layout for seamless access across devices. Enhanced real-time engagement by delivering personalized news experiences.

## ➤ FPway | Freelancer-Employer Connection Platform

Jun 2024

- **Overview:** Platform matching freelancers with employers for project-based opportunities.
- **Technologies:** MongoDB, Express.js, React.js, Node.js.
- Implemented project posting and freelancer application management, integrated communication features, and crafted an intuitive interface to simplify connections. Strengthened collaboration by efficiently bridging talent with opportunities.

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## EXPERIENCE

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- **Website Development Intern | Prasunet Company | June – September 2024:** Worked as a website developer, successfully completing five projects during the internship, improving technical and problem-solving skills.
- **Software Developed Engineer intern | bluestock fintech | January – February 2025:** Contributed to the development of an IPO Web Application. Focused on frontend development, creating responsive and user-friendly pages to enhance the platform's usability.

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## SKILLS & AREA OF INTERSTS

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- **Programming:** C, C++, Java, Python, JavaScript.
- **Web Development:** HTML, CSS, React.js, Node.js, Express.js, MongoDB.
- **Databases:** SQL, MongoDB.
- **Areas of Interest:** MERN, Software Development, ML, AI, Blockchain and Data Analyst.

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## RESEARCH PAPER

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- **“NearBySell: A Novel Approach to Localized E-Commerce with Focus on Seller-Customer Interaction and Enhanced Local Retail Network”**
  - Published in IEEE (June 2024)
  - **Contribution:** Designed a direct selling platform for farmers, reducing dependency on intermediaries.
- **“Decentralized AI Model Marketplace: A Blockchain-Powered Platform for Secure Model Sharing, Licensing, and Provenance”**
  - Published in Springer (March 2025)
  - **Contribution:** Developed a decentralized marketplace for selling AI models with crypto payment integration.