

# JITENDRA KUMAR DODWADIYA

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 Portfolio

 LinkedIn

 GitHub

## Education

### Indian Institute Of Engineering Science And Technology, Shibpur

Bachelor of Technology in Computer Science and Technology

2022 – 2026

Howrah, West Bengal

## Experience

### Appco Software

May 2025 – July 2025

Software Engineer Intern

Jaipur, Rajasthan

- Engineered and deployed a full-stack note-taking web app (iNotebook) using MERN stack with secure JWT auth and REST APIs, enabling 100+ active users.
- Refactored backend logic and optimized MongoDB queries, cutting API latency by 20% and improving system throughput.
- Collaborated within an agile team using Git version control, maintaining high-quality and scalable codebase.

## Projects

### Video Proctoring System (MERN, TensorFlow, MediaPipe, Tailwind CSS)

[GitHub](#)

[Demo](#)

Jul 2025 – Sept 2025

- Built a real-time AI-powered proctoring system handling 100+ concurrent candidates, improving exam integrity by 85%.
- Implemented real-time focus detection, anomaly tracking, and automated PDF/CSV reporting with 100% data consistency.
- Streamlined backend APIs and AI pipelines, reducing latency by 30% and ensuring smooth real-time video analysis.

### SmartHealthBot (MERN, Flask, Python, NLP, Tailwind CSS, Razorpay)

[GitHub](#)

[Demo](#)

Dec 2024 – Mar 2025

- Designed an AI-powered healthcare platform for symptom analysis, doctor consultation, health record tracking and secure payments for 500+ users.
- Integrated NLP-based AI checker with 90%+ accuracy, providing instant medical insights and treatment suggestions.
- Implemented JWT authentication and responsive UI/UX, improving engagement and retention by 30%.

### Hostel Management System (MERN, JWT, Chart.js, Tailwind CSS)

[GitHub](#)

[Demo](#)

Jul 2024 – Oct 2024

- Built a hostel management platform for 200+ students, simplifying room booking, complaints, and record management, cutting admin effort by 40%.
- Implemented secure password hashing with JWT authentication, enhancing data protection for 200+ active users.
- Optimized MongoDB queries with indexing and designed a responsive Tailwind UI with filters and search, reducing query time by 60%.

## Technical Skills

**Languages:** C, C++, Python, JavaScript, TypeScript, SQL

**Frontend:** React.js, HTML, CSS, Tailwind CSS

**Backend:** Node.js, Express.js, RESTful APIs, JWT Auth, Microservices, CI/CD, API Development

**Databases:** MongoDB, MySQL

**AI / ML:** TensorFlow, MediaPipe, OpenCV, NumPy, Pandas, scikit-learn, Matplotlib

**Tools & DevOps:** Git, GitHub, VS Code, Linux, Postman, Render, Vercel, Docker, AWS, Cloud Deployment

**Core CS :** Data Structures & Algorithms (DSA), OOP, DBMS, CN, OS

## Achievements

- LeetCode:** Solved 665+ problems with a rating of 1719 (Top 11.67% globally) ([Profile](#))
- Reliance Foundation Scholar:** Selected among the top 5,000 Indian undergraduates nationwide for academic excellence
- L'Oréal Boost Scholar:** Awarded for leadership and innovation in technology
- HackNITR 5.0:** Led team to develop a peer-to-peer payment app, demonstrating technical and leadership skills

## Open Source Contributions

- Better Software Company (October 2025)**

Contributed to the development of a production-grade React and Flask CRUD module for comment management, integrated with REST APIs in a private corporate repository. Enhanced maintainability and API efficiency through clean architecture and version control best practices.

**Tech Stack:** React, TypeScript, Flask, REST API, Git