

JITENDRA KUMAR DODWADIYA

+91 6375875817

dwdjitendra2003@gmail.com

Portfolio

Linkedin

Github

Education

Indian Institute Of Engineering Science And Technology, Shibpur

2022 – 2026

Bachelor of Technology in Computer Science And Technology

Howrah, West Bengal

Experience

Appco Software

May 2025 – July 2025

Software Engineer Intern

Jaipur, Rajasthan

- Developed and deployed a full-stack note-taking web app (iNotebook) using MERN stack with secure JWT auth and REST APIs, enabling 100+ active users.
- Reduced API latency by 20% by optimizing MongoDB queries and refactoring Node.js backend, improving overall response times.
- Collaborated in an agile team environment, maintaining code quality with Git version control and best practices.

Projects

Video Proctoring System (MERN, TensorFlow, MediaPipe, Tailwind CSS) [GitHub](#) [Demo](#) Jul 2025 – Sept 2025

- Designed and developed a full-stack AI-powered video proctoring system handling 100+ concurrent candidates, increasing online interview integrity by 85%.
- Engineered real-time focus detection, anomaly monitoring, and multi-format reporting (PDF/CSV), ensuring 100% data accuracy and reliability.
- Streamlined backend APIs and AI pipelines, reducing latency by 30% and enabling seamless real-time video processing for large-scale sessions.

SmartHealthBot (MERN, Flask, Python, NLP, Tailwind CSS, Razorpay) [GitHub](#) [Demo](#) Dec 2024 – March 2025

- Designed an AI-powered healthcare platform enabling symptom analysis, doctor consultation, and secure payments for 500+ users.
- Integrated NLP-based AI symptom checker with 90%+ prediction accuracy, providing real-time remedies and consultation recommendations.
- Implemented responsive UI/UX and JWT-based authentication, improving user engagement and retention by 30%.

Hostel Management System (MERN, JWT, Charts.js, Tailwind CSS) [GitHub](#) [Demo](#) Jul 2024 – Oct 2024

- Built a hostel management platform for 200+ students, enabling room booking, complaint tracking, and digital records, reducing admin work by 40%.
- Implemented an innovative password hashing algorithm integrated with JWT authentication to fortify user data protection; this implementation is projected to enhance security for over 100 active users across the platform.
- Optimized MongoDB with indexing and created a responsive Tailwind UI with search and filtering, reducing query response time by 60%.

Technical Skills

Languages: C, C++, Python, JavaScript, TypeScript, HTML, CSS

Frameworks & Dev: MERN Stack (MongoDB, Express.js, React, Node.js), Tailwind CSS, RESTful APIs, JWT Authentication, Microservices, CI/CD

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

Databases: SQL, MongoDB

Tools & Platforms: VS Code, Git, GitHub, Linux, Postman, npm, Render, Vercel, Docker, AWS

Core CS Fundamentals: Data Structures & Algorithms (DSA), OOP, DBMS, Computer Networks, Operating Systems

Achievements

- LeetCode:** Solved **665+** problems with a rating of **1719** (top **11.67%** globally) ([Profile](#))
- HackNITR 5.0:** Engineered a real-time peer-to-peer payment application at NIT Rourkela hackathon
- Reliance Foundation Scholar:** Awarded to top 5,000 undergraduates nationwide for academic excellence
- L'Oréal Boost Scholar:** Recognized among top Indian undergraduates for leadership and innovation

Extracurricular Activities

- Member – ICCHE Club (IIEST Shibpur):** Contributed to initiatives aimed at teaching Math & Science to 20+ underprivileged students, promoting education and community welfare.