JITENDRA KUMAR DODWADIYA

Jaipur, Rajasthan

📞 +91 6375875817 ✉ dwdjitendra2003@gmail.com in 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.

Soul Ai　　　　　　　　　　　　　　　　　　　　　　　　　　**June 2025 − Aug 2025**
AI Prompt Engineer / Model Evaluator (Freelance)　　　　　　　　　　　　　　　　　*Remote*
- Optimized LLM outputs, improving contextual accuracy and reducing irrelevant responses by 25% through structured prompt engineering.
- Evaluated and annotated AI content to support RLHF fine-tuning, enhancing user-aligned responses.
- Collaborated with AI teams to refine model behavior, improving overall user satisfaction and engagement metrics.

Projects

Video Proctoring System (*MERN, TensorFlow, MediaPipe, Tailwind CSS*) GitHub　Demo　**Jul 2025 − Sept 2025**
- Designed and implemented a full-stack AI-powered video proctoring system handling 100+ concurrent candidates, increasing online interview integrity by 85%.
- Developed 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.

Hostel Management System (*MERN, JWT, HTML, 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%.
- Designed 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%.

Email/SMS Spam Detector (*Python, Flask, Scikit-learn, NLTK*) GitHub　Demo　**Dec 2024 − Feb 2025**
- Engineered a high-accuracy spam detection system using Flask and machine learning, achieving 95% accuracy and cutting false positives by 12%, ensuring reliable email and SMS filtering.
- Built an NLP pipeline (tokenization, TF-IDF, stemming) and deployed via Flask for real-time classification.

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, Agile
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

- **General Secretary – ICCHE Club (IIEST Shibpur):** Led initiatives to teach Math & Science to 20+ underprivileged students, fostering educational support and community impact.