Tushar S. Neje

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SKILLS C, C++, Java, Python, PHP, HTML, CSS, JavaScript, VB.NET, Tailwind CSS, Bootstrap, Django, Flask, FastAPI, React, Tkinter, MySQL, REST API Development, Full-Stack Web Development and Architecture, AI/ML Model Integration, LLM Integration, Computer Vision, Database Design, ERP System Development, Prompt Engineering, UI/UX Development, Git/GitHub, Docker Basics, Requirement Analysis, System Design & Architecture Planning, Feature Planning, Functional Testing, API Testing, Debugging & Issue Resolution, Project Lifecycle Understanding

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PROJECTS

2025   **ACADX – AN ERP SYSTEM**
• Built a scalable ERP system for educational institutions with automated features and a responsive UI, enhancing productivity and user satisfaction.

2025   **SMARTPLATE – AI-DRIVEN DEMAND FORECASTING & PERSONALIZED NUTRITION FOR NON FUNDED CANTEENS**
• Developed an AI-powered Django system for canteen demand forecasting, personalized nutrition, and real-time inventory tracking with a responsive Tailwind CSS interface.

2025   **NYĀYASEARCH: DISCOVER INDIAN LAW WITH AI PRECISION**
• Built NyayaSearch, a Django-React platform with an AI chatbot and LLM-powered legal search, featuring a responsive Tailwind UI and smart filtering for lawyers.

2025   **RESPIREX: AI-POWERED LUNG DISEASE DETECTION**
• Developed RespireX, an AI-powered Django-React platform for accurate lung disease detection from X-rays, offering real-time diagnostics and affordable healthcare access.

2025   **META-SHIELD: AI-POWERED SENSITIVE DOCUMENT CLASSIFICATION**
• Developed Meta-Shield, an AI-based Django system using metadata and Random Forest to classify document sensitivity, ensuring privacy, compliance, and enterprise scalability.

EXPERIENCE

JULY 2022	**INTERNSHIP**	**SVL AUTOMATIONS, KOLHAPUR**

- Full Stack Web Development

2023-2024	**GENERAL SECRETORY**	**DKTE'S YCP, ICHALKARANJI**

- Held the highest student leadership position, responsible for overseeing council activities, coordinating between students and administration, and leading major college events and initiatives.

2024-2025	**TECHNICAL CO-HEAD**	**HACKATHON VIIT, (VIT-K), PUNE**
2025-PRESENT	**PRESIDENT**	**HACKATHONS VIT, PUNE**

AWARDS & ACHIEVEMENTS

2023-2024	STUDENT OF THE YEAR (*BEST OUTGOING STUDENT*)	DKTE'S YCP, ICHALKARANJI
2022-2023	SECURED 1ST RANK IN CRACKERS 2.0, ADVITYA, AND ORIONET	JJMCOE,SIT,DKTE, KOLHAPUR

EDUCATION

2024-Present	**BACHELOR OF TECHNOLOGY (SECOND YEAR)**	Vishwakarma Institute of Information Technology,,Pune

Pursuing B.tech in Computer Engineering in Vishwakarma Institute of Information Technology.

2021-2024	**POLYTECHNIC DIPLOMA (MSBTE)**	DKTE's Yashwantrao Chavan Polytechnic, Ichalkaranji

Completed Diploma in Computer Science and Engineering with Aggregate of 94.00% (91.15 & 97.06)

RESEARCH & PUBLICATIONS

"Acadx: An Departmental ERP System", IJIRCCE
"Auto Sentinel: Integrating Driver Behaviour Analysis, Eye-Face Authentication, Emotion Detection, and Anti-Hypnosis Features", co-authored (publication pending)

OTHER

- **Languages:** Marathi, English, Hindi
- **Certifications:** NPTEL - Python for Data Science, Ethical Hacking, System and Usable Security