

DAVE NIRMIT

IT Engineering

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ABOUT ME

I am an Information Technology student with a strong interest in full-stack web development, AI-powered applications, and modern software technologies. I enjoy building practical, user-centric digital solutions that combine intuitive UI/UX design with efficient backend systems. My development approach involves understanding user experience, planning functionality, and selecting the most suitable technology stack. I have worked on various academic, personal, and hackathon projects, including AI-based quiz platforms, interactive web applications, and game development. I am committed to continuously enhancing my technical skills and developing innovative solutions using modern technologies.

EDUCATION

B.tech IT
GYANMANAJRI INNOVATIVE
UNIVERSITY
2023 - 2027

12th Science
VIDHYADHISH VIDYASANKUL
School
2021 - 2023

10th Graduation
CHRIST SCHOOL

SKILL

- Programming
Html & Css Java
Python Android Dev
JavaScript Backend Dev
- Technologies
MySQL Git/GitHub
Android Studio DBMS

WORK EXPERIENCE & PROJECTS

- Tech Carnival – Open World Game (Tech-Manjari Event) 2024**
Developed an open-world PC game focused on graphics and fun gameplay. • Added engaging features like coin collection, checkpoints, and smooth navigation. • Represented the project among 500+ students during a 4-day technical event (Tech-Manjari). • Demonstrated creativity and teamwork in building a large-scale interactive game.
- Hackathon Experience – AI4Dev 2K26 (National-Level AI Hackathon Finalist) 2025-2026**
Participated in a hackathon addressing farmers' lack of awareness about solar energy. • Built a responsive website to guide farmers with solutions to common farming problems and highlight benefits of solar energy. • Focused on accessibility and awareness by simplifying technical concepts. • Ranked in the Top 5 among 90+ competing teams.
- Chaotic Chess Game 2018-2019**
Developed a fun, twist-based chess game with a card ability system. • Collaborated with a teammate where I handled Frontend, designing, logic, and testing, while my friend managed Backend. • Introduced unique gameplay with chaotic cards allowing random actions like swapping pieces, instant promotions, or surprise captures. • Built using HTML, CSS, JavaScript, Node.js, and TypeScript, ensuring smooth gameplay and engaging UI.
- Hackathon – SSIP Innoapp (Timetable Generator Project) 2018-2019**
Led a team of 4 in a hackathon hosted at GMIU. • Designed and developed an automatic timetable generator for colleges, institutes, and schools. • Built a functional website using HTML, CSS, JavaScript, and DBMS crude operators to store data as browser cache. • Acted as Team Leader, coordinating the team and ensuring project completion within the event timeline.
- AI Project – Quiz-O-Meter (RAG-Based Smart Quiz Platform) 2025-2026**
Developed an AI-powered quiz generation platform using a Retrieval-Augmented Generation (RAG) model to dynamically create questions from uploaded study materials. Designed a role-based system for teachers and students, enabling quiz creation, publishing, and participation. Implemented automated AI-driven evaluation, instant result generation, and export functionality in CSV/PDF formats. Built and integrated scalable backend APIs, allowing the AI model to be reused across multiple applications.

ACHIEVEMENT

Leadership Experience – Team Captain, Tech-Manjari 2K24

Represented a cohort of 500+ students during Tech-Manjari 2K24, serving as Team Captain and leading a group through multiple technical events. Coordinated team efforts, managed task distribution, and ensured effective collaboration under time constraints. Acted as a key point of communication between participants and event organizers, contributing to smooth execution and active participation. Demonstrated leadership, decision-making, and problem-solving skills while maintaining team motivation and performance throughout the event.

Community Service – Volunteer, GMU Social Service (Sidsar Lake Cleanup Initiative)

Actively participated in a community-driven environmental initiative organized by GMU Social Service, contributing to the cleanup and restoration of Sidsar Lake near a local village. Collaborated with fellow volunteers to remove waste, promote cleanliness, and support ecological preservation efforts. Demonstrated a strong sense of social responsibility, teamwork, and commitment to sustainable community development through hands-on involvement in improving the local environment.

Sports Achievement – Chess Competitor (Khel Mahakumbh & Intercollegiate Tournaments)

Participated in zonal-level chess tournaments under Khel Mahakumbh and represented the college in multiple intercollegiate chess competitions. Competed against strong opponents, demonstrating strategic thinking, analytical skills, and composure under pressure. Strengthened decision-making abilities and adaptability through competitive play while actively contributing to the college's presence in regional and intercollegiate chess events.

Hackathon Achievement – 2nd Place (Rapid Project Rebuild Challenge)

Secured 2nd place in a college hackathon by successfully rebuilding an existing project using a new technology stack within strict time constraints. Demonstrated strong adaptability, rapid learning, and problem-solving skills while optimizing performance and functionality under pressure. Effectively collaborated with the team to deliver a refined and competitive solution within the limited timeframe.

Extracurricular Engagement – Coding Club Member (Hackathon & MVP Development)

Actively participated in coding club activities with a focus on hackathon preparation and rapid MVP development. Collaborated with peers to brainstorm ideas, build prototypes, and refine solutions within tight deadlines. Gained hands-on experience in problem-solving, teamwork, and translating concepts into functional products through iterative development.

Leadership & Coordination – Industrial Visit Coordinator, Qtonz

Coordinated and managed an industrial visit to Qtonz, overseeing end-to-end planning, logistics, and execution. Organized schedules, handled participant coordination, and ensured seamless communication between the institution and the company. Demonstrated strong organizational, leadership, and problem-solving skills while delivering a well-structured and successful industry exposure experience for students.

AI/ML Workshop Certification (5-Day Intensive Program, GMU)

Successfully completed a 5-day intensive AI/ML workshop conducted at GMU, gaining in-depth exposure to machine learning concepts and workflows. Learned about different types of datasets, data preprocessing techniques, and analytical methods used in model building. Explored key ML processes including data cleaning, gap filling, clustering, and training models using structured approaches and visualizations such as graphs. Strengthened practical understanding of how machine learning models are developed and deployed, earning a certification upon completion.

CERTIFICATES & INTERNSHIPS

Successfully completed a 2-day intensive training program focused on practical applications of artificial intelligence. Gained hands-on exposure to AI tools, including real-time object detection and modern AI-powered software solutions. Explored core concepts of AI implementation, use cases, and industry applications, strengthening foundational knowledge and practical understanding of emerging AI technologies.

Completed a 15-day intensive internship focused on backend development using Python and Django. Gained hands-on experience in building and structuring server-side applications, understanding project architecture, and implementing backend workflows. Worked on developing scalable components, handling data processing, and integrating core functionalities, strengthening practical knowledge of real-world web development practices.

INTERESTS

- Chess and strategic board games, enhancing analytical thinking and decision-making skills
- Sci-fi and biographical films, with a keen interest in technology, history, and human innovation
- Exploring digital gadgets and emerging technologies, staying updated with industry trends
- Building experimental web and application projects to explore new ideas and technologies