SIDDHI GAWADE

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SUMMARY

Computer Engineering student skilled in software development, full-stack applications, and AI-driven solutions. Experienced in building scalable web platforms, real-time systems, and user-focused applications using React, Node.js, Python, and cloud-based tools. Strong in problem-solving, learning quickly, and working effectively in fast-paced, collaborative environments.

EDUCATION

Vidyalankar Institute of Technology, Wadala *(Direct Second Year Admission)* **2024 - 2027**
B.Tech in Computer Engineering (2nd Year) *CGPA : 10*

Bharati Vidyapeeth Institute of Technology, Kharghar **2021 - 2024**
Diploma in Computer Engineering *Percentage: 95.03%*

P.V.G'S Vidya Bhawan School, Nerul **2021**
Secondary School Certificate *Percentage: 95.20%*

PROJECTS & INTERNSHIPS

INTERNSHIP : VJTI Mumbai – Veermata Jijabai Technological Institute **26 May 2025 - 12 July 2025**

Robotics Team – Vision-Based Applications:
- Implemented object detection, classification, and segmentation using OpenCV and deep learning models like YOLOv8.
- Experimented with deploying optimized models on NVIDIA Jetson Nano for real-time edge AI applications.

Healthcare Team – TinyML Hearing Aid
- Conducted research on designing a TinyML-based hearing aid for real-time, on-device voice enhancement.
- Explored signal processing techniques for voice amplification and background noise reduction, optimized for low-power embedded systems.

1) EduAI (A personalized AI-driven learning path dashboard)

- Designed a skill enhancement platform that generates personalized learning paths based on user goals.
- Integrated gamification elements like badges and leaderboards to boost engagement.

2) LabRooms – Real-Time Collaboration & Communication Platform

- Built a real-time multi-user platform with room-based chat, shared whiteboard drawing, and file sharing, all synchronized instantly using WebSockets.
- Implemented secure room codes, user sessions, and scalable backend architecture for smooth multi-user communication.
- Deployed the application for public use; supports collaborative learning, brainstorming, and group discussions.

3) ImpactLink (A platform connecting volunteers with NGOs)

- Tech Stack: Node.js, Express.js, MongoDB, Flask (AI-powered recommendation system).
- Developed a platform that matches volunteers with NGOs based on interests, skills, and availability.
- Features include task discovery, progress tracking, certification management, and campaign monitoring.

4) C.F.T.C - Charge For The Charged (A platform for buying and selling electricity)

- Diploma Final Year Project built using Android Studio and Firebase. Hosted the application through Netlify.
- Developed a chatbot that can navigate through the app using DialogFlow, enhancing user experience and interaction.

TECHNICAL SKILLS

- **Programming Languages:** C, C++, Java, Python, JavaScript
- **Web Development:** React.js, Node.js, Express.js, MongoDB, MERN Stack, HTML, CSS, Bootstrap, PHP, Firebase, Android Studio
- **Databases:** MySQL, PostgreSQL, Firebase, MongoDB
- **AI/ML:** YOLOv8, OpenCV, TensorFlow, LangFlow, TinyML, DialogFlow
- **Tools & Platforms:** Android Studio, Microsoft Excel, Figma, Git, GitHub Copilot, VS Code, CodeParrot, Cursor

ACHIEVEMENTS

- **National Finalist** – Quasar Hackathon (Top 60/650+).
- **6th Rank** – Synaphack 3.0 National Online Hackathon (2025)
- **4th Rank** – CodeAthon Inter-College Hackathon.
- **1st Prize** – Software Project Competition (2023–24).
- **1st Prize** – State Level Paper Presentation, Elocution.
- **National Scholarship**: 133rd Rank in Maharashtra.
- Medalist in **NELTAS ECAT** Grand Finale.

CERTIFICATIONS

- **1st Position in Professional Skills Certification –** Awarded for excellence in the Professional Skills subject
- **1st Position in DBMS Certification -** Awarded for excellence in Database Management Systems.
- **Social Service Internship (09/2024 - 11/2024)** - Taught English to students from 1st to 8th standard.
- **Android App Development using Kotlin (February 2024) -** Scored 90%.
- **Linux Training (November 2023) -** Scored 83.33%.
- **Infosys Course (October 2023) -** Introduction to Artificial Intelligence.
- **Lotus Educare Academy (April - July 2023) -** Web Development Summer Internship

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

- **Event Head – GDG On Campus VIT:** Led and organized technical events, workshops, and hackathons.
- **Class Representative (Direct Second Year):** Coordinated communication between students and faculty.
- **Event Host:** Hosted major events including Flutter Road Show, Shape The Web, Freshers' Day, BAHAAR, and Alumni Meet.
- **Dodgeball Girls' Team Captain:** Led the team and managed practice sessions for intra-college tournaments.
- **Performing Arts:** Participated in dance performances at college and cultural events.
- **Arts & Creativity:** Won prizes in drawing and rangoli competitions.

LANGUAGES

English (Professional Working Proficiency), **Hindi** (Professional Working Proficiency), **Marathi** (Professional Working Proficiency)