



ADWAIT DESHMUKH

B.TECH IT STUDENT | PYTHON DEVELOPER | AI ENTHUSIAST

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[LinkedIn](#) | [GitHub](#) | [LeetCode](#)

SUMMARY

UX Designer with a focus on delivering impactful results, eager to tackle dynamic challenges and apply creativity to craft intuitive user experiences. Demonstrated proficiency in project management, user-centric problem-solving, and seamless collaboration across teams. Skilled in leveraging state-of-the-art tools and methodologies to streamline processes and elevate user satisfaction.

TECHNICAL SKILLS

Languages: Python, C++, SQL
Web & App: HTML, CSS, Streamlit, Tkinter

AI & AR: OpenCV, Mediapipe, NLP, Groq API, ChromaDB
Mainframe: COBOL, JCL, VSAM, z/OS (Learning)

Tools & Platforms: Git, GitHub, Figma, IBM Z Xplore
Concepts: Data Structures & Algorithms, OOP, Database Management, REST APIs

PROJECTS

Projects

1. Electricity Bill Tracker – Python, Tkinter, SMTP | Published in IJERT Journal

Created a desktop app to monitor electricity usage, estimate bills, and visualize trends. Integrated SMTP for monthly email alerts. Published in IJERT for its real-world impact.

2. AR Gun Game Using Hand Gestures – Python, OpenCV, Mediapipe

Built an AR game with real-time gesture control where the index finger acts as a barrel and the thumb as a trigger – firing when the thumb moves below the index.

3. Online Voice Assistant Using Groq API & Vector Database – Python, Groq API, ChromaDB, NLP

Developed a voice-based assistant that handles natural queries. Used ChromaDB for contextual data retrieval and Groq API for instant AI-driven replies.

4. Humanless AI Interview System (Ongoing) – Python, NLP, Groq API, OpenCV

Designing an AI system to automate interviews with:

- Resume Scanner using NLP | • Voice-based Interviewer via Groq API | • Facial Expression Analysis using OpenCV

EDUCATION

B.Tech in Information Technology, VIIT Pune – 2022–2027 (Expected)

Current CGPA: 8.75 (Till 2nd Year) | Currently in 3rd Year

HSC (12th), Maharashtra State Board – 2022 | 74%

SSC (10th), CBSE – 2020 | 92%

ADDITIONAL INFORMATION

IBM Z Xplore (VSC1 & FILES1 completed); currently learning Mainframe Technologies — COBOL, JCL, VSAM, z/OS

Problem Solving: Solved 150+ DSA problems (LeetCode, GFG, CodeStudio); strong in arrays, trees, graphs, recursion, DP

Leadership: Class Representative (2nd Year, VIIT Pune)

- Interests: AI, AR, Chatbots, Competitive Programming, Automation