

# MOKSH DESAI

## FULL-STACK DEVELOPER & AI SYSTEMS ARCHITECT

Results-driven Full-Stack Developer with expertise in microservices architecture and AI integration.

Hackathon winner with proven ability to design scalable systems.

Proficient in Python, Node.js, and modern backend technologies.

Passionate about building innovative solutions and mentoring peers.

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[MOKSH.DEV](https://MOKSH.DEV)

## EDUCATION

B.SC. COMPUTER SCIENCE  
(2024-2027) – VNSGU, Surat

HIGHER SECONDARY (HSC) - 2024

SECONDARY (SSC) – 2022

## TECH-SKILLS

- LANGUAGES
  - Python (Advanced) • JavaScript/Node.js • C++ • SQL/PL-SQL • R
- BACKEND & WEB
  - FastAPI • REST APIs • React • Express.js • Full-Stack Development
- MODERN TECH STACK
  - Microservices Architecture • Docker • AI/ML Integration • WebSockets • Real-time Systems
- TOOLS & PLATFORMS
  - VS Code • Oracle Database • Hugo • Git • Linux Postman • Discord.js

## ACHEIVEMENTS

- MEETING MONITOR AI – AISE HACKATHON WINNER
- Invisible AI Sales Assistant for Modern Workplaces
- Engineered a stealthy desktop application using PyQt6 and Windows APIs that seamlessly captures sales conversations and provides real-time sentiment analysis and intelligent response suggestions.
- Key Microservices:
  - Stealth UI (PyQt6 + Windows APIs) – Invisible recording interface
  - Acoustic Service (WhisperX + GPU) – Real-time transcription
  - Vision Service (DeepFace) – Sentiment & emotion detection
  - Intelligence Layer (Gemini + Ollama) – LLM-powered suggestions
  - Gateway (FastAPI + WebSocket) – Orchestration & real-time communication
  - Persistence Layer (SQLite + Odo) – CRM integration & data management