Hem Desai

Ahmedabad, Gujarat · hemniraldesai@gmail.com · 7984604692 · *Portfolio*

EDUCATION

SRM Institute of Science and Technology   Chennai
B Tech Computer Science and Engineering *GPA: 9.21*   Sep 2021 - July 2025

Radiant English Academy   Surat, Gujarat
Class 12th (CBSE) Science (Physics, Chemistry, Math) *GPA: 94.8%*   2020 - 2021

EXPERIENCE

RedialBPO   Remote
AI Developer   Jul 2025 – Present

- Building AI infrastructure and backend systems for Redial's voice agent platform
- Designing and integrating APIs for workflow automation and conversational intelligence
- Evaluating and optimizing cloud infrastructure costs across AI service providers
- Collaborating on Redial.ai product development with a focus on scalable backend solutions

AIVOA   Remote
INTERN-Software Developer   Jan 2025 – July 2025

- Developing Pharma CRM API
- AI-Driven Content Generation
- Backend Development & Database Management
- Workflow Automation using Temporal

Synergy Technical Club   Chennai
Vice President   June 2022 - July 2024

- Mentored and Guided Members
- Led and Managed Club Activities
- Organized Technical Events
- Managed Club Operations

SKILLS

Languages:	Python, Javascript, C++, SQL, TypeScript, R Language
Frameworks/Libraries:	Flask, NodeJS, React Native, LangGraph, Temporal Workflows, Ollama, FastAPI, LangChain
Tools:	Git, Docker, LM Studio, Postman
Databases & Cloud:	Supabase, PostgreSQL, MongoDB

PROJECTS

MediWrite *React, Flask, Python*

Developed a medical automation system, streamlining emergency procedures for accident cases by automating documentation, patient registration, and data management using Python and Flask.

Local LLM based Assistant *Python, Ollama*

Designed and developed a local LLM-based AI assistant, providing conversational AI capabilities without relying on external APIs, ensuring data privacy and faster response times.

StreamPlay Assistant *Python, AutoHotKey*

Developed StreamPlay Assistant, a cloud-based gaming bot enabling viewers to control gameplay via chat commands on Twitch, enhancing audience engagement and stream interactivity.

Sign Language Translator *JavaScript, React, Context API, Flexbox*
App translating from English into US sign language.

AWARDS

Academic Scholarship   SRM Institute of Science and Technology
Awarded 100% tuition fee scholarship based on entrance exam performance, maintained annually with a 9+
CGPA   2021-2025

Third Place in Project Expo   SRM Institute of Science and Technology
Secured 3rd place in the Project Expo for developing MediWrite- A medical automation tool.   May 2023