

HEM DESAI

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EDUCATION

SRM Institute of Science and Technology

B Tech Computer Science and Engineering *GPA: 9.21*

Chennai

Sep 2021 - July 2025

Radiant English Academy

Class 12th (CBSE) Science (Physics, Chemistry, Math) *GPA: 94.8%*

Surat, Gujarat

2020 - 2021

EXPERIENCE

AIVOA

INTERN-Software Developer

Work From Home

Jan 2025 - Present

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

Synergy Technical Club

Vice President

Chennai

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, U

Tools: Git, Docker, LM Studio, Postman

Databases & Cloud: Supabase, PostgreSQL, MongoDB

PROJECTS

MediWrite *React, Flask, Python*

<https://github.com/Hem-Desai/MediWrite>

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*

<https://github.com/Hem-Desai/local-ollama-assistant>

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*

<https://github.com/Hem-Desai/StreamPlay-Assistant>

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

Doctor Website *React Native, TailWind CSS, TypeScript, Supabase*

<https://dr-anupama-desai.vercel.app/>

Developed a web application enabling doctors to connect with patients for consultations and follow-ups.

Implemented secure messaging, appointment scheduling, and patient record management.

Sign Language Translator *JavaScript, React, Context API, Flexbox*

<https://github.com/Hem-Desai/Sign-Language-Translator>

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