

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*

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.

[Doctor Website](#) *React Native, TailWind CSS, TypeScript, Supabase*

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*
App translating from English into US sign language.

AWARDS

Academic Scholarship

Awarded 100% tuition fee scholarship based on entrance exam performance, maintained annually with a 9+ CGPA

SRM Institute of Science and Technology
2021-2025

Third Place in Project Expo

Secured 3rd place in the Project Expo for developing MediWrite- A medical automation tool.

SRM Institute of Science and Technology
May 2023