

# GARISA SAI KETAN REDDY

+91-7205652143 Hyderabad, India

saiketan2004@gmail.com Sai Ketan Sai Ketan

## SKILLS

**Programming Languages:** Java, Python, MySQL  
**Web Technologies:** HTML, CSS, JavaScript  
**Development Tools:** Git, GitHub

## EDUCATION

**B.V. Raju Institute of Technology, Narsapur** 2022 – Present  
*B.Tech in Computer Science (Data Science)*

**CGPA:** 7.47/10

**DAV Public College** 2020 – 2022  
*12th - CBSE*

**Percentage:** 77.4

**DAV Public School** 2020  
*(CBSE)*

**Percentage:** 79.4

## PROJECTS

### Farm2Fork – Sustainable Food Supply Chain

Developed a decentralized food supply chain using **Pinata (IPFS)** for tamper-proof data storage, ensuring transparency. Implemented a **sustainability scoring system** for farmers and distributors, rewarding eco-friendly practices. Designed modules for **farmers** to list crops, **distributors** to manage orders and warehouses, and **retailers** to browse, order, and generate **QR codes** for traceability.

**Tech Stack:** React, Node.js, Express.js, MongoDB, Pinata (IPFS)

### AI-Powered Virtual Neuro-Therapist

Developing a fully automated virtual neurotherapist that guides users through personalized therapeutic activities using AI-powered chatbot interactions.

**Tools Used:** React.js, Node.js, MySQL, Hugging Face Transformers/spaCy, TensorFlow/PyTorch.

### Holoquest - AI Enhanced 3d puzzle game with adaptive difficulty

A web-based 3D escape room game with AI-driven dynamic puzzles using Deep Q-Networks. Features gesture/voice controls and immersive environments, boosting player engagement by 25.

**Tools Used:** JavaScript, Three.js, A-Frame, DQN, HandTrack.js, Web Speech API, Node.js, Express.js, MongoDB

## HACKATHONS

### Tech Savishkar 3.0 (National Level) – 2nd Prize

Built **Farm2Fork - Sustainable Food Supply Chain**, leveraging **Pinata (IPFS)** for tamper-proof transaction storage and QR-code traceability to enhance transparency.

## CERTIFICATIONS

- Hackerrank - Java(Basics)
- Geekster - SQL (Basic to Advanced)

## WORKSHOPS

---

- Attended a workshop on Blockchain Technology.
- Attended a workshop on Generative AI.

## INTERESTS

---

- Web Development UI/UX Design
- Data Analytics Visualization

## ABOUT ME

---

I am a passionate Data Science student with a strong interest in web development, UI/UX design, and SQL. I enjoy building intuitive and user-friendly applications while leveraging data-driven insights. With a keen eye for design and a structured approach to problem-solving, I aim to create seamless digital experiences powered by efficient database management.

## PERSONAL PROFILE

---

- **Date of Birth:** 14-November-2003
- **Marital Status:** Unmarried