

GARISA SAI KETAN REDDY

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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.

Responsive Energy Control Systems for Next-Gen Buildings

Developed a Responsive Energy Control System (RECS) to optimize energy usage in buildings by dynamically adjusting consumption based on real-time environmental conditions.

Tools Used: Machine Learning (Gradient Boosting), Mixed Integer Linear Programming.

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