

Dhanireddy Trivikram Reddy

Hyderabad | sudhakarreddyvikram@gmail.com | 9032242444 |
[LinkedIn](#) | [Github](#) | [Portfolio](#)

SKILLS

Languages: Java, Python, C

Web Technologies: HTML, CSS, JovascularEpL, React JS, Node.js, Express JS

Database: MongoDB, MySQL

Tools: Git, Bootstrap, Tailwind, Postman

Soft-skills: Communication, Team-work, Critical thinking, Adaptability, Time-Management

EDUCATION

B.Tech(CSE -Data Science)-B.V. Raju Institute of Technology, Narsapur (Telangana)	2022–2026
GPA: 8.6	
Intermediate-Sri Chaitanya Junior Kalasala, S.R nagar(HYD).	2020–2022
957/1000	
Sister Nivedita School, Ameerpet, (HYD) - CBSE	2020
87 Percent	

PROJECTS

- **Gruha Anvesh - PG, BHK & Vacation Rental Platform**
 - Link-<https://gruha-anvesh.onrender.com> (deployed)
 - Overview: Built a full-stack web app for listing and booking PGs, BHKs, and vacation rentals with real-time chat, 3D property views, and map integration.
 - Feature: Used **Multi-Armed Bandit (MAB) algorithm** to recommend properties based on user behavior (likes, clicks, time spent), real-time chat, map view, **3-D view of house**,
 - Impact: Streamlined booking, enhanced trust with immersive previews, and improved engagement via personalized recommendations.
 - Tools: React, Node.js, Express.js, MongoDB, Socket.io, Cloudinary, Render, Multi-Armed Bandit (MAB) algorithm.
- **Farm2Fork-Agritech website using IPFS and MERN Stack**
 - Overview: Built an Agritech platform connecting farmers, middlemen, and retail shops to streamline the supply chain, benefiting all stakeholders and providing a transparent experience to the customers.
 - Feature: Implemented a **QR code system** for consumers to access tamper-proof product details (harvest date, farmer quality, and transaction history) using **IPFS, ensuring product authenticity**.
 - Impact: Ensured fair prices for farmers and middlemen while offering consumers genuine, worry-free product experiences.
 - Tools: React, express, node, mongodb, IPFS.
- **Automatic Number Plate Recognition for Bus Arrival Tracking**
 - [Trivikram-07/parking-space-management-using-open-cv](#)
 - Overview: Developed a **real-time bus tracking system** that identifies vehicle number plates using **computer vision and OCR** techniques to improve commuter experience and fleet monitoring.
 - Feature: Leveraged Haar Cascade Classifier for number plate detection and integrated Tesseract OCR to extract and process textual information from detected plates.
 - Impact: Enabled accurate and automated bus arrival tracking, reducing manual effort and improving reliability in transportation systems.
 - Tools: Python, OpenCV, Haar Cascade, Tesseract OCR.

- **Viki Travels Website(front-end project)**
 - Github-link-[Trivikram-07/viki-travels](#):
 - Overview: Designed a responsive car rental website where customers can view and book vehicles.
 - Features: User-friendly interface with booking functionality.
 - Tools: React, HTML, CSS, JavaScript, Bootstrap
- **B.V BLOG WESITE**
 - Overview: Created a college blog platform for authenticated students to post reviews and content.
 - Features: Authentication system and content viewing for visitors.
 - Tools: PHP, HTML, CSS, JavaScript, MySQL

CERTIFICATIONS

The complete Full-Stack Web Development Bootcamp by Angela Yu -Udemy
 Java Foundations and Fundamentals- Oracle
 Programming in Java- NPTEL
 Responsive Web Design-Free Code Camp.
 Data Science with Python- Coincent.

WORKSHOPS

EDU SUMMIT 2023 -JNTU HYDERABAD.
 DATATHON - Power BI Workshop

ACHIEVEMENTS

- Secured **3rd place at HackNexus hackathon** during Synergia at BVRIT Hyderabad, developing a Streamlit web app for digital skill assessment and learning roadmap generation.Collaborated with a team to build a Pythonbased solution using TF-IDF, cosine similarity, and the Gemini API to assess skills and recommend personalized courses.
- Won **2nd prize at Vasavi College Tech Savishkaar 2025 Hackathon** for an Agritech project(Farm2Fork) linking farmers, middlemen, and retail shops.Developed a QR code system using IPFS to provide tamperproof product details (harvest date, farmer quality, transaction history) for consumers
- SIH 2023 ideation Hackathon **3 rd prize winner** at B.V. Raju Institute of Technology,Telangana. Submitted an idea of building a project in which we proposed an app to help farmers in detecting diseases in crops using the image provided by the farmer using deep learning.
- Member of BVRIT-MUN (DISEC) [Model United Nations]

INTERESTS

Full Stack Development
 UI/UX Design

ABOUT ME

Motivated and driven **full-stack development (Mern Stack)student**, expertise in programming languages such as Java and Python. Dedicated to continuously expanding knowledge of emerging technologies and committed to making a meaningful impact through innovation and learning.Open for internships and full-time jobs.

PERSONAL PROFILE

Date of Birth:31/07/2004
 Marital Status:Unmarried