

CHAITALI VASIST

3rd Year Information Science & Engineering Student

+91 6364078637 Bangalore, India chaitalivasist@gmail.com

ABOUT ME

Dynamic Full-Stack Developer and Machine Learning Enthusiast with practical experience at NFThing, blending strong front-end development and product management capabilities. Led the development of intelligent hydroponic systems at MSRIT, demonstrating both technical leadership and innovation in sustainable agriculture. Additionally, trained and deployed multiple ML models for brain tumor MRI image classification and built a user-facing web application for real-time medical predictions. Passionate about building impactful, tech-driven solutions using AI, IoT, and modern web technologies across domains like healthcare and smart agriculture.

EDUCATION

RAMAIAH INSTITUTE OF TECHNOLOGY
B. E.- Information Science & Engineering
CGPA: 9.48
2026

BASE PU UNIVERSITY
PCMC, Pre-University
State Board: 98%
2022

SINDHI HIGH SCHOOL
High School
CBSE X: 95.6%
2020

SKILLS

- Full-stack development
- AI integration & ML Training
- IoT implementation
- Hydroponic systems
- Product management
- Research

INTERNSHIP & PROJECT EXPERIENCE

NFThing Internship – Full-Stack Developer & Product Manager 2023–NOW

- Working as a Full-Stack Developer in building a movie streaming platform based on web3 and blockchain concepts for the Web3Onwards community.
- Monitored task progress while overseeing assignments as Product Manager.
- Contributed to comprehensive product evaluations with technical insights.

Researcher – Smart Hydroponics & IoT Systems 2024– Now

- Investigating precision agriculture using IoT and automation in hydroponics by creating own datasets.
- Focusing on AI-based control systems to optimize nutrient delivery and environmental conditions
- Collaborating on a research paper focused on sustainable agri-tech innovation

Brain tumor detector using ML techniques 2025

- Trained multiple machine learning models for brain tumor detection using MRI scans.
- Developed a user-friendly website to upload MRI images and display real-time prediction results.
- Integrated the trained ML model with the web application for end-to-end functionality and in the process of publishing research paper.

LANGUAGES

- Technical: Python, Java, Node js, React, MariaDB, SQL, HTML, CSS, C.
- Communication: Proficient in English, Hindi & Kannada

CERTIFICATIONS AND EXTRACURRICULARS

- Certified in Prompt Engineering for generative AI
- Professional Bharatnatyam Dancer with National level Certification
- College-level table tennis and football player
- Multiple coding projects at personal and academic level