

Ritesh S

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EDUCATION

- Vellore Institute of Technology** Vellore, India
• *Bachelor of Technology - Computer Science & Engineering (Internet of Things)* 2023 - 2027

SKILLS SUMMARY

Programming Languages Python, Javascript, C, C++, Java
Frontend Technologies Flutter, Dart, ReactJS, HTML, CSS,
Backend/DevOps MySql
Other Tools/Technologies Git, Linux

ACHIEVEMENTS

- **Code to unlock / graVITas'23** *Certificate*
My team secured the 3rd position in the event in graVITas'23, An International Techno Management Festival of VIT Vellore
- **Yantra Central Hackathon 2025** *Certificate*
My team reached the semifinals (Round 3) at VIT's Flagship Hackathon, competing among 150+ top teams.

EXPERIENCE

- **Solar Energy Society of India - VIT** On-site
Senior Core Member September 2024 – April 2025
 - Organized National Engineers Day event with VIT Community Radio, producing 2 podcasts on engineering innovation. Available on [Spotify](#).
 - Coordinated "Alumni Reconnect" session on November 13, 2024, featuring a Bank of America alumna, sharing career insights.

PROJECTS

- **VLC Clone App:** A minimal viable product built with Flutter that replicates core functionalities of the VLC media player. It allows users to browse their file directory, play video files, and stream videos. Key features include file directory browsing, video playback, and video streaming. **Tech used:** *Flutter, Dart* — [GitHubLink](#)
- **VITXCC:** A website designed to help students of VIT, Vellore explore the various clubs and chapters available on campus. It serves as an exploration tool, providing descriptions of each organization along with their social media links for easy contact. This prototype was created with freshers in mind to help them navigate and engage with campus activities. **Tech used:** *HTML, CSS, JavaScript, ReactJS* — [Demo Link](#)
- **Streamy:** Streamy is a streaming app that stores videos in a Supabase database. It features a search filter based on tags, allowing users to easily find content. *Tech used: Flutter, Dart*— [GitHubLink](#)
- **Orange Freshness Quality Detector:** A Streamlit-based website built with Python and PyTorch, leveraging YOLOv8 and OpenCV to classify oranges in real-time based on freshness (fresh or rotten). This innovative system addresses critical challenges in agriculture and food supply chains. **Tech used:** *Streamlit, Python, PyTorch, YOLOv8, OpenCV* — [GitHubLink](#)